

No Supplement to this tariff will be issued except for the purpose of canceling this tariff.

Access Services Tariff
Section 7
5th Revised Sheet 40
Replacing 4th Revised Sheet 40

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.8 High Capacity Service-(Continued)

E. Optional Features, BSEs and Functions-(Continued)

3. Central Office Multiplexing BSE-(Continued)

(RT)

|
|

(RT)

(FC)

b. DSI to Voice

An arrangement that converts a 1.544 Mbps channel to 24 channels for use with Voice Grade Services. A channel of this DSI to the Hub can also be used for a MegaLink Data, Metallic Service, DovLink or WATS Access Lines.

(FC)

c. DSI to DSO

An arrangement that converts a 1.544 Mbps channel to 23 64.0 kbps channels utilizing digital time division multiplexing.

(FC)

d. DSO to Subrate

An arrangement that converts a 64.0 kbps channel to subspeeds of up to twenty 2.4 kbps, ten 4.8 kbps or 9.6 kbps channels using digital time division multiplexing.

4. Clear Channel Capability BSE

Clear Channel Capability is an optional feature that provides the customer with an increase in useable bandwidth from 1.344 Mbps to 1.536 Mbps of an unconstrained data stream across the network. Clear Channel Capability is provided only on 1.544 Mbps High Capacity service and requires the customer signal at the channel interface to conform to Bipolar with Eight Zero Substitution (B8ZS) line code format as set forth in the technical reference for high capacity at the end of Paragraph 7.2. Customer equipment must be compatible with this method of providing the unconstrained signal.

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By A. D. ROBERTSON, Assistant Vice President-External Affairs
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St. Louis, Missouri

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MO PSC

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Access Services Tariff
Section 7
4th Revised Sheet 40
Replacing 3rd Revised Sheet 40

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.8 High Capacity Service-(Continued)

(AT) E. Optional Features, BSEs and Functions-(Continued)

(AT) 3. Central Office Multiplexing BSE-(Continued)

d. DSLC to DSL

An arrangement that converts a 3.152 Mbps channel to two DSL channels using digital time division multiplexing.

e. DSL to Voice

An arrangement that converts a 1.544 Mbps channel to 24 channels for use with Voice Grade Services. A channel of this DSL to the Hub can also be used for a MegaLink Data, Metallic Service, DovLink or WATS Access Lines.

f. DSL to DSO

An arrangement that converts a 1.544 Mbps channel to 23 64.0 kbps channels utilizing digital time division multiplexing.

g. DSO to Subrate

An arrangement that converts a 64.0 kbps channel to subspeeds of up to twenty 2.4 kbps, ten 4.8 kbps or five 9.6 kbps channels using digital time division multiplexing.

(AT) 4. Clear Channel Capability BSE

Clear Channel Capability is an optional feature that provides the customer with an increase in useable bandwidth from 1.344 Mbps to 1.536 Mbps of an unconstrained data stream across the network. Clear Channel Capability is provided only on 1.544 Mbps High Capacity service and requires the customer signal at the channel interface to conform to Bipolar with Eight Zero Substitution (B8ZS) line code format as set forth in the technical reference for high capacity at the end of Paragraph 7.2. Customer equipment must be compatible with this method of providing the unconstrained signal.

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SEP 25 1993
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MISSOURI

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No supplement to this tariff will be issued except for the purpose of canceling this tariff.

Access Services Tariff
Section 7
3rd Revised Sheet 40
Replacing 2nd Revised Sheet 40

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

OCT 5 1992

7.2 Service Descriptions-(Continued)

7.2.8 High Capacity Service-(Continued)

E. Optional Features and Functions-(Continued)

3. Central Office Multiplexing-(Continued)

d. DS1C to DS1

An arrangement that converts a 3.152 Mbps channel to two DS1 channels using digital time division multiplexing.

e. DS1 to Voice

An arrangement that converts a 1.544 Mbps channel to 24 channels for use with Voice Grade Services. A channel of this DS1 to the Hub can also be used for a MegaLink Data, Metallic Service, DovLink or WATS Access Lines.

f. DS1 to DS0

An arrangement that converts a 1.544 Mbps channel to 23 64.0 kbps channels utilizing digital time division multiplexing.

g. DS0 to Subrate

An arrangement that converts a 64.0 kbps channel to subspeeds of up to twenty 2.4 kbps, ten 4.8 kbps or five 9.6 kbps channels using digital time division multiplexing.

4. Clear Channel Capability

Clear Channel Capability is an optional feature that provides the customer with an increase in useable bandwidth from 1.344 Mbps to 1.536 Mbps of an unconstrained data stream across the network. Clear Channel Capability is provided only on 1.544 Mbps High Capacity service and requires the customer signal at the channel interface to conform to Bipolar with Eight Zero Substitution (B8ZS) line code format as set forth in the technical reference for high capacity at the end of Paragraph 7.2. Customer equipment must be compatible with this method of providing the unconstrained signal.

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Access Services Tariff
Section 7
2nd Revised Sheet 40
Replacing 1st Revised Sheet 40

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

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7.2 Service Descriptions-(Continued)

FEB 20 1990

7.2.8 High Capacity Service-(Continued)

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(FC) E. Optional Features and Functions-(Continued)

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3. Central Office Multiplexing-(Continued)

d. DS1C to DS1

An arrangement that converts a 3.152 Mbps channel to two DS1 channels using digital time division multiplexing.

e. DS1 to Voice

An arrangement that converts a 1.544 Mbps channel to 24 channels for use with Voice Grade Services. A channel of this DS1 to the Hub can also be used for a Megalink Data, Metallic Service or WATS Access Lines.

f. DS1 to DS0

An arrangement that converts a 1.544 Mbps channel to 23 64.0 kbps channels utilizing digital time division multiplexing.

g. DS0 to Subrate

An arrangement that converts a 64.0 kbps channel to subspeeds of up to twenty 2.4 kbps, ten 4.8 kbps or five 9.6 kbps channels using digital time division multiplexing.

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DEC 4 1992
BY 3rd R.S. #40
Public Service Commission
MISSOURI

4. Clear Channel Capability

Clear Channel Capability is an optional feature that provides the customer with an increase in useable bandwidth from 1.344 Mbps to 1.536 Mbps of an unconstrained data stream across the network. Clear Channel Capability is provided only on 1.544 Mbps High Capacity service and requires the customer signal at the channel interface to conform to Bipolar with Eight Zero Substitution (B8ZS) line code format as set forth in the technical reference for high capacity at the end of Paragraph 7.2. Customer equipment must be compatible with this method of providing the unconstrained signal.

(MT)
(AT)

(AT)

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Access Services Tariff
Section 7
1st Revised Sheet 40
Replacing Original Sheet 40

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.8 High Capacity Service-(Continued)

D. Optional Features and Functions-(Continued)

3. Central Office Multiplexing-(Continued)

g. DSO to Subrate

An arrangement that converts a 64.0 kbps channel to subspeeds of up to twenty 2.4 kbps, ten 4.8 kbps or five 9.6 kbps channels using digital time division multiplexing.

The following table shows the technical specifications packages with which the optional features and functions are available.

	Available with Technical Specifications Package HC-					
	<u>0</u>	<u>1</u>	<u>1C</u>	<u>2</u>	<u>3</u>	<u>4</u>
Automatic Loop Transfer						
Central Office Multiplexing:						
DS4 to DS1						X
DS3 to DS1					X	
DS2 to DS1						
DS1C to DS1				X		
DS1 to Voice		X				
DS1 to DSO		X				
DSO to Subrate(1)	X					
Transfer Arrangement		X				

CANCELLED
X

MAR 26 1990
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(1) Available only on a channel of a 1.544 Mbps facility to a Telephone Company Hub.

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By R. D. BARRON, President-Missouri Division
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St. Louis, Missouri

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Access Services Tariff
Section 7
Original Sheet 40

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Service-(Continued)

7.2.1 Analog Services-(Continued)

B. Voice Grade Services-(Continued)

7. Voice Grade 7 (VG7) Special Access Service-(Continued)

d. Transmission Performance-(Continued)

- Echo Control-(Continued)

Effective Two-Wire Transmission

(Four-wire interface at the IC terminal location and two-wire interface at the End User's premises.)

	<u>Echo Return Loss</u>	<u>Singing Return Loss</u>
Standard Return Loss (at Two-Wire Interface)	5 dB	2.5 dB
Improved Return Loss (at Two-Wire Interface)	13 dB	8 dB
Four-Wire Interface (Equal Level Echo Path Loss)	16 dB	11 dB

(For Centrex application,
2 dB pad is "in")

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BY 26 R.S. 40
PUBLIC SERVICE COMMISSION

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Issued: DEC 29 1983

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By R. D. BARRON, Vice President-Missouri
Southwestern Bell Telephone Company
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Access Services Tariff
Section 7
3rd Revised Sheet 40.01
Replacing 2nd Revised Sheet 40.01

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.8 High Capacity Service-(Continued)

E. Optional Features, BSEs and Functions-(Continued)

5. Extended Superframe Format BSE

Extended Superframe Format is an optional feature that passes a customer provided framing format for 1.544 Mbps High Capacity service. Extended Superframe Format extends the customer's 1.544 Mbps framing structure from 12 to 24 frames and divides the 8 kbps 193rd bit position pattern into three distinct functionalities: 2 kbps for frame synchronization, 2 kbps for cyclic redundancy checking, and 4 kbps used primarily to send performance monitoring information over the Facilities Data Link.

(CP)

6. Power Over The Interface(1)

Power Over the Interface is an optional feature available with the installation of 1.544 Mbps High Capacity service. This option provides line power to the Customer's Premises Equipment, enabling the customer to benefit from uninterrupted service if a commercial power failure occurs.

(AT) (1) Obsolete, and limited to existing installations at existing locations, for
(AT) existing customers.

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By M. H. SCHULTEIS, Executive Director-External Affairs
Southwestern Bell Telephone
St. Louis, Missouri

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Access Services Tariff
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Replacing 1st Revised Sheet 40.01

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE--(Continued)

7.2 Service Descriptions--(Continued)

7.2.8 High Capacity Service--(Continued)

(AT) E. Optional Features, BSEs and Functions--(Continued)

(AT) 5. Extended Superframe Format BSE

Extended Superframe Format is an optional feature that passes a customer provided framing format for 1.544 Mbps High Capacity service. Extended Superframe Format extends the customer's 1.544 Mbps framing structure from 12 to 24 frames and divides the 8 kbps 193rd bit position pattern into three distinct functionalities: 2 kbps for frame synchronization, 2 kbps for cyclic redundancy checking, and 4 kbps used primarily to send performance monitoring information over the Facilities Data Link.

6. Power Over The Interface

Power Over the Interface is an optional feature available with the installation of 1.544 Mbps High Capacity service. This option provides line power to the Customer's Premises Equipment, enabling the customer to benefit from uninterrupted service if a commercial power failure occurs.

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Access Services Tariff
Section 7
1st Revised Sheet 40.01
Replacing Original Sheet 40.01

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ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.8 High Capacity Service-(Continued)

MISSOURI
Public Service Commission

E. Optional Features and Functions-(Continued)

(MT)

(AT)

5. Extended Superframe Format

Extended Superframe Format is an optional feature that passes a customer provided framing format for 1.544 Mbps High Capacity service. Extended Superframe Format extends the customer's 1.544 Mbps framing structure from 12 to 24 frames and divides the 8 kbps 193rd bit position pattern into three distinct functionalities: 2 kbps for frame synchronization, 2 kbps for cyclic redundancy checking, and 4 kbps used primarily to send performance monitoring information over the Facilities Data Link.

6. Power Over The Interface

Power Over the Interface is an optional feature available with the installation of 1.544 Mbps High Capacity service. This option provides line power to the Customer's Premises Equipment, enabling the customer to benefit from uninterrupted service if a commercial power failure occurs.

(AT)

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By R. D. BARRON, President-Missouri Division
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St. Louis, Missouri

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Access Services Tariff
Section 7
Original Sheet 40.01

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE--(Continued)

FEB 20 1990

7.2 Service Descriptions--(Continued)

7.2.8 High Capacity Service--(Continued)

MISSOURI
Public Service Commission

E. Optional Features and Functions--(Continued)

The following table shows the technical specifications packages with which the optional features and functions are available.

	Available with Technical Specifications Package HC-					
	<u>0</u>	<u>1</u>	<u>1C</u>	<u>2</u>	<u>3</u>	<u>4</u>
Automatic Loop Transfer		X				
Central Office Multiplexing:						
DS4 to DS1						X
DS3 to DS1					X	
DS2 to DS1				X		
DS1C to DS1			X			
DS1 to Voice		X				
DS1 to DS0		X				
DS0 to Subrate(1)	X					
Transfer Arrangement		X				
Clear Channel Capability		X				

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JUN 6 1990
BY *1st R. S. #40.01*
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(1) Available only on a channel of a 1.544 Mbps facility to a Telephone Company Hub.

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Access Services Tariff
Section 7
6th Revised Sheet 41
Replacing 5th Revised Sheet 41

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.8 High Capacity Service-(Continued)

E. Optional Features, BSEs and Functions-(Continued)

The following table shows the technical specifications packages with which the optional features, BSEs and functions are available.

	<u>Available with Technical Specifications Package HC-</u>		
	<u>0</u>	<u>1</u>	<u>3</u>
Automatic Loop Transfer		X	
Central Office Multiplexing:			
DS3 to DS1			X
DS1 to Voice		X	
DS1 to DSO		X	
DSO to Subrate(1)	X		
Transfer Arrange- ment		X	
Clear Channel Capability		X	
Extended Superframe Format		X	
Power Over the Interface(2)		X	

(CP)

- (1) Available only on a channel of a 1.544 Mbps facility to a Telephone Company
(AT) Hub or on a DS0 channel that connects to a customer's Network Reconfiguration Service (NRS)
Network that contains a DS1 channel.
(AT) (2) Obsolete, and limited to existing installations at existing locations, for
(AT) existing customers.

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By M. H. SCHULTEIS, Executive Director-External Affairs
Southwestern Bell Telephone
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Public Service Commission

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.8 High Capacity Service-(Continued)

E. Optional Features, BSEs and Functions-(Continued)

The following table shows the technical specifications packages with which the optional features, BSEs and functions are available.

		<u>Available with Technical Specifications Package HC-</u>		
(RT)		<u>0</u>	<u>1</u>	<u>3</u>
	Automatic Loop Transfer		X	
	Central Office Multiplexing:			
(RT)	DS3 to DS1			X
(RT)	DS1 to Voice		X	
(RT)	DS1 to DS0		X	
	DS0 to Subrate(1)	X		
	Transfer Arrangement		X	
	Clear Channel Capability		X	
	Extended Superframe Format		X	
	Power Over the Interface		X	

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Access Services Tariff
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ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE--(Continued)

7.2 Service Descriptions--(Continued)

7.2.8 High Capacity Service--(Continued)

(AT) E. Optional Features, BSEs and Functions--(Continued)

(AT) The following table shows the technical specifications packages with which the optional features, BSEs and functions are available.

Available with Technical Specifications Package HC-						
	<u>0</u>	<u>1</u>	<u>1C</u>	<u>2</u>	<u>3</u>	<u>4</u>
Automatic Loop Transfer		X				
Central Office Multiplexing:						
DS4 to DS1						X
DS3 to DS1					X	
DS2 to DS1				X		
DSLc to DS1			X			
DS1 to Voice		X				
DS1 to DS0		X				
DS0 to Subrate(1)	X					
Transfer Arrangement		X				
Clear Channel Capability		X				
Extended Superframe Format		X				
Power Over the Interface		X				

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Access Services Tariff
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ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE--(Continued)

7.2 Service Descriptions--(Continued)

7.2.8 High Capacity Service--(Continued)

E. Optional Features and Functions--(Continued)

(MT)

The following table shows the technical specifications packages with which
the optional features and functions are available.

	Available with Technical Specifications Package HC-					
	<u>0</u>	<u>1</u>	<u>1C</u>	<u>2</u>	<u>3</u>	<u>4</u>
Automatic Loop Transfer		X				
Central Office Multiplexing:						
DS4 to DS1						X
DS3 to DS1					X	
DS2 to DS1				X		
DS1C to DS1			X			
DS1 to Voice		X				
DS1 to DS0		X				
DS0 to Subrate(1)	X					
Transfer Arrange- ment		X				
Clear Channel Capability		X				
Extended Superframe Format		X				
Power Over the Interface		X				

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BY *Y. R. S.*Public Service Commission
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(1) Available only on a channel of a 1.544 Mbps facility to a Telephone Company
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Access Services Tariff
Section 7

Replacing 2nd Revised Sheet 41
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1st Revised Sheet 42
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1st Revised Sheet 44
1st Revised Sheet 45
1st Revised Sheet 46
2nd Revised Sheet 47
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through
1st Revised Sheet 54
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2nd Revised Sheet 57
4th Revised Sheet 58
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through
1st Revised Sheet 61
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1st Revised Sheet 63
2nd Revised Sheet 64
through
2nd Revised Sheet 67

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JUN 6 1990
BY 3rd P.S. # 41
Public Service Commission
MISSOURI

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE--(Continued)

(AT) Information previously found in Section 7.3 may be found in the approved Technical Reference Publications.

(RT)

(RT)

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Access Services Tariff
Section 7

1st Revised Sheet 41
Replacing Original Sheet 41

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Channel Interface and Network Channel Codes

This Section explains the channel interface codes and network channel codes that the IC must specify when ordering Special Access Service. Included is an example which explains the specific characters of the code, a glossary of channel interface codes, impedance levels, network channel codes and compatible channel interfaces.

Example: If the IC specifies an NT network channel code and a 2DC8-3 channel interface at the IC terminal location, it is requesting the following:

- NT = Metallic channel with a predefined technical specification package
- 2 = Number of physical wires at IC terminal location
- DC = Facility interface for direct current or voltage
- 8 = Variable impedance level
- 3 = Metallic facilities (DC continuity) for direct current/low-frequency control signals or slow-speed data (30 baud)

7.3.1 Glossary of Channel Interface Codes and Options

<u>Code</u>	<u>Option</u>	<u>Definition</u>
AB	-	accepts 20 Hz ringing signal at IC point of termination
AC	-	accepts 20 Hz ringing signal at End User's point of termination
	- R	code selective multipoint ringing
AH	-	analog high capacity interface
	- B	60 kHz to 108 kHz (12 channels)
	- C	312 kHz to 552 kHz (60 channels)
	- D	564 kHz to 3084 kHz (600 channels)
CT	-	Centrex tie-trunk termination
DA	-	data stream in VF frequency band at End User's point of termination
	- S	sealing current source and sink provided by Southwestern Bell Telephone
DB	-	data stream in VF frequency band at IC point of termination location
	- 10	VF for TG1 and TG2
	- 43	VF for 43 telegraph carrier-type signals, TG1 and TG2

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Public Service Commission
MISSOURI

JUL 1 1986

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86-84
Public Service Commission

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Access Services Tariff

Section 7

Original Sheet 41

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Service-(Continued)

7.2.1 Analog Services-(Continued)

B. Voice Grade Services-(Continued)

7. Voice Grade 7 (VG7) Special Access Service-(Continued)

d. Transmission Performance-(Continued)

- Echo Control-(Continued)

Effective Four-Wire Transmission

(Two-wire interface at the End User's premises.)

	<u>Echo Return Loss</u>	<u>Singing Return Loss</u>
Two-Wire Interface (Return Loss)	24 dB	18 dB
Four-Wire Interface (Equal Level Echo Path Loss)	20 dB	14 dB

- Improved Return Loss

The Return Loss (RL), expressed as Echo Return Loss (ERL) and Singing Return Loss (SRL), on two-wire ports of a four-wire point of interface shall be equal to or greater than:

<u>Standard RL</u>	<u>Improved RL</u>
ERL 5 dB	ERL 20 dB
SRL 2.5 dB	SRL 13.5 dB

- Loss Variation

The long term loss variation from the nominal 1004 Hz EML shall not exceed ± 1.5 dB.

- Attenuation Distortion

The attenuation distortion between 404 Hz and 2804 Hz shall be within -1.0 dB and +2.0 dB with reference to the loss at 1004 Hz (minus equals less loss, plus equals more loss). The attenuation distortion between 304 Hz and 3004 Hz shall be within -1.0 dB and +5.0 dB.

- Signal-to-C Notch Noise

The Signal-to-C Notch noise ratio shall not be less than 30 dB.

BY 12/25/86
PUBLIC SERVICE COMMISSION
OF MISSOURI

Issued: DEC 29 1983

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By R. D. BARRON, Vice President-Missouri
Southwestern Bell Telephone Company
St. Louis, Missouri

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

(RT)

7.2 Service Descriptions-(Continued)

(AT)

7.2.9 DovLink Service

A. Basic Channel Description

A DovLink channel is a channel for the transmission of either synchronous or asynchronous data at speeds of 2.4, 4.8 or 9.6 kbps. The actual bit rate is a function of the channel interface selected by the customer. A DovLink Channel Termination is provided as a derived channel of a customer's intraexchange voice grade service loop facility. The customer may transmit data over the DovLink channel simultaneously with a voice transmission. The customer must provide a data voice multiplexer at the designated premises.

DovLink is provided where suitable intraexchange voice grade service loop facilities are available subject to the transmission limitations of the facilities and equipment used by the Telephone Company. DovLink is provided between customer-designated premises or between a customer-designated premises and a Telephone Company Hub where bridging or multiplexing functions are performed.

B. Technical Specifications Package

The technical specifications for the customer-provided data voice multiplexer are set forth in the appropriate Technical Reference for

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DovLink Service listed in Paragraph 7.2, preceding.

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7. SPECIAL ACCESS SERVICE-(Continued)

Information previously found in Section 7.3 may be found in the approved
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7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Channel Interface and Network Channel Codes-(Continued)

7.3.1 Glossary of Channel Interface Codes and Options-(Continued)

<u>Code</u>	<u>Option</u>	<u>Definition</u>
DC	-	direct current or voltage
	- 1	monitoring interface with series RC combination (McCulloh format)
	- 2	Telephone Company-energized alarm channel
	- 3	Metallic facilities (DC continuity) for direct current/low-frequency control signals or slow-speed data (30 baud)
DD	-	DATAPHONE Select-A-Station (and TABS) interface at IC point of termination
DE	-	DATAPHONE Select-A-Station (and TABS) interface at the End User's point of termination

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

(AT) 7.2.9 DovLink Service-(Continued)

C. Channel Interfaces

The following channel interfaces (CI) define the bit rates that are available for a DovLink channel:

<u>CI</u>	<u>Bit Rate</u>
02DV5BA	2.4 kbps
02DV5BB	4.8 kbps
02DV5BC	9.6 kbps

D. Optional Features and Functions

Only those MegaLink Data Service Optional Features and Functions listed below are available with DovLink Service.

(1) Central Office Bridging Capability

Central office bridging connects three or more customer-designated premises in a multipoint arrangement.

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7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Channel Interface and Network Channel Codes-(Continued)

7.3.1 Glossary of Channel Interface Codes and Options-(Continued)

<u>Code</u>	<u>Option</u>	<u>Definition</u>
DS	-	digital hierarchy interface
-	15	1.544 Mbps (DS1) format per PUB 41451 plus D4
-	15E	8-bit PCM encoded in one 64 kbps of the DS1 signal
-	15F	8-bit PCM encoded in two 64 kbps of the DS1 signal
-	15G	8-bit PCM encoded in three 64 kbps of the DS1 signal
-	15H	14/11-bit PCM encoded in six 64 kbps of the DS1 signal
-	15J	1.544 Mbps format per PUB 41451
-	15K	1.544 Mbps format per PUB 41451 plus extended framing format
-	15L	1.544 Mbps (DS1) with SF signaling
-	27	274.176 Mbps (DS4)
-	27L	274.176 Mbps (DS4) with SF signaling
-	31	3.152 Mbps (DS1C)
-	31L	3.152 Mbps (DS1C) with SF signaling
-	44	44.736 Mbps (DS3)
-	44L	44.736 Mbps (DS3) with SF signaling
-	63	6.312 Mbps (DS2)
-	63L	6.312 Mbps (DS2) with SF signaling

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7. SPECIAL ACCESS SERVICE-(Continued)

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7.2 Technical Service Descriptions for Special Access Service-(Continued)

7.2.1 Analog Services-(Continued)

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B. Voice Grade Services-(Continued)

7. Voice Grade 7 (VG7) Special Access Service-(Continued)

d. Transmission Performance-(Continued)

- Envelope Delay Distortion

The Envelope Delay Distortion (EDD) shall not exceed 700 microseconds between 300 and 2600 Hz.

- Impulse Noise

The number of impulse noise counts exceeding a threshold of 67 dBrnC0 in 15 minutes shall be less than 15.

- Intermodulation Distortion

The intermodulation distortion based upon the four tone method shall be such that R2 is not less than 33 dB and R3 not less than 40 dB.

- Phase Jitter

The phase jitter over 20-300 Hz shall not exceed 5° peak-to-peak and over 4-300 Hz shall not exceed 10° peak-to-peak.

- Frequency Shift

The frequency shift shall not exceed ± 1 Hz.

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

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7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

(AT) 7.2.10 Business Video Service

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A. Basic Channel Description

Business Video Service provides a video channel with two-way transmission capability for a standard 525-line/60-field monochrome, or National Television Systems Committee (NTSC) color, System M video signal. This service includes one associated audio signal in the 7 kHz range. Business Video Service is available for local channels and for associated interoffice channels.

Business Video Service may consist of one Business Video Channel termination at one end of a two-point circuit and a High Capacity (DS1) channel termination (as set forth in Paragraph 7.2.8) at the other end of the two-point circuit. This service will include the ancillary sale of one 4.8 kbps and one 9.6 kbps MegaLink Data Service channel.

Business Video Service provides for two-way compressed video/audio service on a two-point basis. Business Video is suitable for teleconferencing which connects two groups at different locations.

Business Video Service may be provided between two customer-designated premises. Two types of service are offered, Business Video I and Business Video II.

Business Video I

Business Video I is a digital channel capable of two-way two-point video/audio transmission. This video service is visually comparable to broadcast quality video, but has less stringent technical parameters and it has some noticeable motion impairment. The bandwidth for Business Video I is 384 kbps.

Business Video II

Business Video II is a digital channel capable of two-way two-point video/audio transmission. This video service is visually comparable to broadcast quality video, but has less stringent technical parameters. The bandwidth for Business Video II is 1.544 Mbps.

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7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Channel Interface and Network Channel Codes-(Continued)

7.3.1 Glossary of Channel Interface Codes and Options-

<u>Code</u>	<u>Option</u>	<u>Definition</u>
DU	-	digital access interface
	- 24	2.4 kbps
	- 48	4.8 kbps
	- 56	56.0 kbps
	- 96	9.6 kbps
	- A	1.544 Mbps format per PUB 41451
	- B	1.544 Mbps format per PUB 41451 plus D4
	- C	1.544 Mbps format per PUB 41451 plus extended framing format
DX	-	duplex signaling interface at IC POT
DY	-	duplex signaling interface at End User's POT
EA	- E	Type I E&M Lead Signaling. IC at POT or End User at POT originates on E Lead.
EA	- M	Type I E&M Lead Signaling. IC at POT or End User at POT originates on M Lead.
EB	- E	Type II E&M Lead Signaling. IC at POT or End User at POT originates on E Lead.
EB	- M	Type II E&M Lead Signaling. IC at POT or End User at POT originates on M Lead.
EC	-	Type III E&M signaling at IC terminal POT
EX	- A	tandem channel unit signaling for loop start or ground start and IC supplies open end (dial tone, etc.) functions.
EX	- B	tandem channel unit signaling for loop start or ground start and IC supplies closed end (dial tone, etc.) functions.

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Service-(Continued)

7.2.1 Analog Services-(Continued)

B. Voice Grade Services-(Continued)

7. Voice Grade 7 (VG7) Special Access Service-(Continued)

e. Available Facility Interface Combinations

VG7 is available only with specific facility interface combinations as set forth in Paragraph 7.2.1, B.14., following.

8. Voice Grade 8 (VG8) Special Access Service

a. Description

Special Access Service VG8 provides a channel for voiceband data transmission capability. Usable frequencies are nominally 300 to 3000 Hz between an IC terminal location and an End User's premises. The standard transmission interface at the End User's premises is two-wire or four-wire and the IC terminal location interface is four-wire. This service will support effective four-wire transmission.

b. Illustrative Application

Special Access Service VG8 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

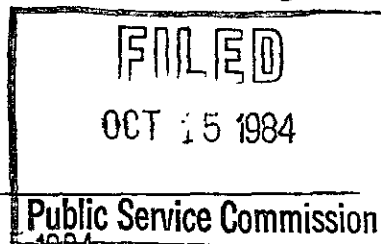
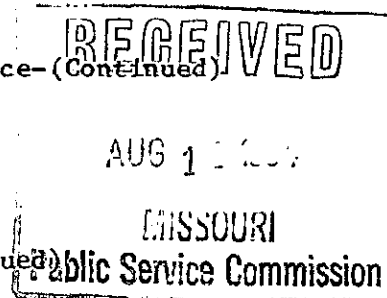
- SSN Access Line
- SSN Station Line

c. Optional Features

- C-Conditioning
- IC specified End User's premises receive level within a range acceptable to the Telephone Company.

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7. SPECIAL ACCESS SERVICE-(Continued)

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7.2 Technical Service Descriptions for Special Access Service-(Continued)

7.2.1 Analog Services-(Continued)

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B. Voice Grade Services-(Continued)

7. Voice Grade 7 (VG7) Special Access Service-(Continued)

e. Available Facility Interface Combinations

VG7 is available only with specific facility interface combinations as set forth in Paragraph 7.2.1, following.

8. Voice Grade 8 (VG8) Special Access Service

a. Description

Special Access Service VG8 provides a channel for voiceband data transmission capability. Usable frequencies are nominally 300 to 3000 Hz between an IC terminal location and an End User's premises. The standard transmission interface at the End User's premises is two-wire or four-wire and the IC terminal location interface is four-wire. This service will support effective four-wire transmission.

b. Illustrative Application

Special Access Service VG8 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- SSN Access Line
- SSN Station Line

c. Optional Features

- C-Conditioning
- IC specified End User's premises receive level within a range acceptable to the Telephone Company for effective four-wire transmission.

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7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

(AT) 7.2.10 Business Video Service-(Continued)

A. Basic Channel Description-(Continued)

The customer must provide the customer premises equipment at each end of the two-point network, such as cameras, monitors, audio and graphics equipment.

B. Technical Specifications Packages

The technical specifications are set forth in the Technical References listed in Paragraph 7.2, preceding.

C. Channel Interfaces

The following channel interfaces (CIs) define the bandwidth and the provision of the audio signal(s) associated with Business Video channels:

CI	Audio Bandwidth	Provision
14TV6-7	7kHz	2-Way (Transport)

Compatible channel interfaces are set forth in the Technical References listed in Paragraph 7.2, preceding.

D. Optional Features and Functions

1. Split Screen Capability

This allows three separate areas of the room to be viewed simultaneously, or two areas and one graphics view. The bandwidth is split between the monitors providing less than a full screen view on each monitor.

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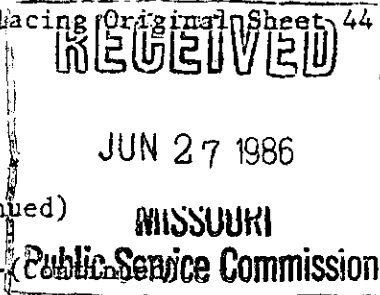
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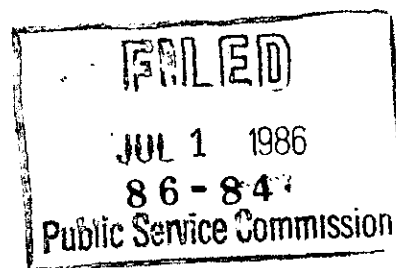
7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Channel Interface and Network Channel Codes-(Continued)

7.3.1 Glossary of Channel Interface Codes and Options-



<u>Code</u>	<u>Option</u>	<u>Definition</u>
GO	-	ground-start loop signaling - open-end function by IC or End User
GS	-	ground-start loop signaling - closed-end function by IC or End User
	- C	Centrex CO FX Termination
	- M	Southwestern Bell Telephone CO TAS Concentrator
IA	-	E.I.A. (25 pin RS-232)
LA	-	End User's loop-start loop signaling - Type A OPS registered port open end
LB	-	End User's loop-start loop signaling - Type B OPS registered port open end
LC	-	End User's loop-start loop signaling - Type C OPS registered port open end
LO	-	loop-start loop signaling - open-end function by IC or End User
LR	-	20 Hz automatic ringdown interface at IC with Telephone Company-provided PLAR
LS	-	loop-start loop signaling - closed-end function by IC or End User
	- M	Southwestern Bell Telephone CO TAS Concentrator



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7. SPECIAL ACCESS SERVICE-(Continued)

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7.2 Technical Service Descriptions for Special Access Service-(Continued)

7.2.1 Analog Services-(Continued)

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B. Voice Grade Services-(Continued)

8. Voice Grade 8 (VG8) Special Access Service-(Continued)

c. Optional Features-(Continued)

- Improved return loss at four-wire point of interface, applicable to each two-wire leg of effective four-wire channel.

d. Transmission Performance

- C-Message Noise

The C-Message Noise shall be less than:

<u>Channel Mileage (mi)</u>	<u>Limit (dBrnC0)(1)</u>	
	<u>Type V1</u>	<u>Type V2</u>
0 - 50	32	38
51 - 100	33	39
101 - 200	35	41
201 - 400	37	43
401 - 1000	39	45

- Echo Control

Echo Control, identified as Equal Level Echo Path Loss at four-wire interfaces or Return Loss at two-wire interfaces, and expressed as Echo Return Loss and Singing Return Loss, at either the End User's premises or IC terminal location, shall be not less than the following limits:

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- (1) Where facility network conditions will support the parameters, Type V1 will be provided. Where the Type V1 parameters cannot be supported, Type V2 will be provided.

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7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Channel Interface and Network Channel Codes-(Continued)

7.3.1 Glossary of Channel Interface Codes and Options-(Continued)

<u>Code</u>	<u>Option</u>	<u>Definition</u>
NO	-	no signaling interface, transmission only
	- S	sealing current source provided by Southwestern Bell Telephone, sink provided by customer
PG	-	program transmission - no dc signaling
	- 1	nominal frequency from 50 to 15,000 Hz
	- 3	nominal frequency from 200 to 3,500 Hz
	- 5	nominal frequency from 100 to 5000 Hz
	- 8	nominal frequency from 50 to 8,000 Hz
PR	-	protective relaying(1)
RV	- 0	reverse battery signaling, one-way operation, originate by IC
	- T	reverse battery signaling, one-way operation, terminate function by IC or End User
SF	-	single frequency signaling within VF band at either IC POT or End User's POT
TT	-	telegraph/teletypewriter interface at either IC POT or End User's POT
	- 2	20.0 milliamperes
	- 3	3.0 milliamperes
	- 6	62.5 milliamperes
WA	-	wideband bandwidth interface at End User's POT
	- 1	limited bandwidth
	- 2	nominal passband from 29,000 to 44,000 Hz
WB	-	wideband data interface at IC POT
	- 18S	18.75 kbps, synchronous
	- 19A	up to 19.2 kbps asynchronous
	- 19S	19.2 kbps synchronous
	- 23A	up to 230.4 kbps, asynchronous
	- 23S	230.4 kbps, synchronous
	- 40S	40.8 kbps, synchronous
	- 50A	up to 50.0 kbps, asynchronous
	- 50S	50.0 kbps, synchronous

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- (1) Available only for the transmission of audio tone protective relaying signals used in the protection of electrical power systems during fault conditions.

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7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Service-(Continued)

7.2.1 Analog Services-(Continued)

B. Voice Grade Services-(Continued)

8. Voice Grade 8 (VG8) Special Access Service-(Continued)

d. Transmission Performance-(Continued)

- Echo Control-(Continued)

Effective Four-Wire Transmission

(Two-wire interface at the End User's premises).

	<u>Echo Return Loss</u>	<u>Singing Return Loss</u>
Two-Wire Interface (Return Loss)	24 dB	18 dB
Four-Wire Interface (Equal Level Echo Path Loss) (For Centrex application, 2 dB pad is "in")	20 dB	14 dB

- Improved Return Loss

The Return Loss (RL), expressed as Echo Return Loss (ERL) and Singing Return Loss (SRL), on two-wire ports of a four-wire point of interface shall be equal to or greater than:

<u>Standard RL</u>	<u>Improved RL</u>
ERL 2.5 dB	ERL 1.5 dB
SRL 2.5 dB	SRL 13.5 dB

- Loss Variation

The long term loss variation from the nominal [1004 Hz] EML shall not exceed +1.5 dB

- Attenuation Distortion

The attenuation distortion between 404 Hz and 2804 Hz shall be within -1.0 dB and +2.0 dB with reference to the loss at 1004 Hz (minus equals less loss, plus equals more loss). The attenuation distortion between 304 Hz and 3004 Hz shall be within -1.0 dB and +5.0 dB.

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(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Channel Interface and Network Channel Codes-(Continued)

7.3.1 Glossary of Channel Interface Codes and Options-(Continued)

<u>Code</u>	<u>Option</u>	<u>Definition</u>
WC	-	wideband data interface at End User's POT
	- 18	18.75 kbps, synchronous
	- 19	for 12-wire interface: 19.2 kbps, synchronous
		for 10-wire interface: up to 19.2 kbps, asynchronous
	- 23	up to 230.4 kbps, asynchronous
	- 23S	230.4 kbps, synchronous
	- 40	40.8 kbps, synchronous
	- 50	for 12-wire interface: 50.0 kbps, synchronous
		for 10-wire interface: up to 50.0 kbps, asynchronous
WD	-	wideband bandwidth interface at IC POT
	- 1	nominal passband from 300 to 18,000 Hz
	- 2	nominal passband from 28,000 to 44,000 Hz
	- 3	nominal passband from 29,000 to 44,000 Hz

7.3.2 Impedance

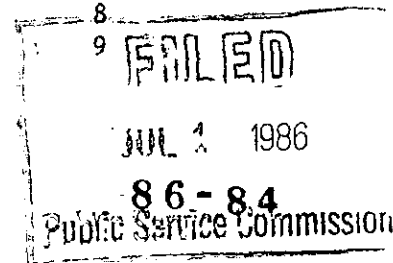
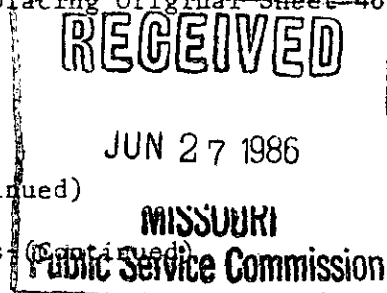
The nominal reference impedance with which the IC or End User will terminate the channel for the purposes of evaluating transmission performance:

<u>Value (ohms)</u>	<u>Code(s)</u>
110	0
150	1
600	2
900	3
135	5
75	6
124	7
Variable	8
100	9

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Access Services Tariff
Section 7
Original Sheet 46

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Service-(Continued)

7.2.1 Analog Services-(Continued)

B. Voice Grade Services-(Continued)

8. Voice Grade 8 (VG8) Special Access Service-(Continued)

d. Transmission Performance-(Continued)

- Signal-to-C Notch Noise

The Signal-to-C Notch noise ratio shall not be less than 32 dB.

- Envelope Delay Distortion

The Envelope Delay Distortion (EDD) shall not exceed 700 microseconds between 800 and 2600 Hz.

- Impulse Noise

The number of impulse noise counts exceeding a threshold of 67 dBrnC0 in 15 minutes shall be less than 15.

- Intermodulation Distortion

The intermodulation distortion based upon the four tone method shall be such that R2 is not less than 45 dB and R3 not less than 48 dB.

- Phase Jitter

The phase jitter over 20-300 Hz shall not exceed 4° peak-to-peak and over 4-300 Hz shall not exceed 9° peak-to-peak.

- Frequency Shift

The frequency shift shall not exceed ± 1 Hz.

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Access Services Tariff
Section 7
2nd Revised Sheet 47
Replacing 1st Revised Sheet 47

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Channel Interface and Network Channel Codes-(Continued)

7.3.3 Digital Hierarchy Channel Interface Codes (4DS)

This interface is available to customers that select the multiplexed four-wire DSX-1 or higher facility interface option at the customer-designated premises and provide subsequent system and channel assignment data. The various digital bit rates in the digital hierarchy employ the channel interface code 4DS9, 4DS0 or 4DS6 plus the speed options indicated below:

<u>Interface Code and Speed Option</u>	<u>Nominal Bit Rate (Mbps)</u>	<u>Digital Hierarchy Level</u>
4DS8-15	1.544	DS1
4DS9-31	3.152	DS1C
4DS0-63	6.312	DS2
4DS6-44	44.736	DS3
4DS6-27	274.176	DS4

7.3.4 Service Designator/Network Channel Code Conversion Table

The purpose of this table is to show the relationship between the service designator codes (e.g. VGC, MT2, etc.) and the network channel codes that are used for:

<u>Service Designator Code</u>	<u>Network Channel Code</u>
MTC	MQ
MT1	NT
MT2	NU
MT3	NV
TGC	NQ
TG1	NW
TG2	NY
VGC	LQ
VG1	LB
VG2	LC

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Section 7
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Replacing Original Sheet 47

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Service-(Continued)

7.2.1 Analog Services-(Continued)

B. Voice Grade Services-(Continued)

8. Voice Grade 8 (VG8) Special Access Service-(Continued)

e. Available Facility Interface Combinations

VG8 is available only with specific facility interface combinations as set forth in Paragraph 7.2.1, B.14., following.

9. Voice Grade 9 (VG9) Special Access Service

a. Description

Special Access Service VG9 provides a channel for voiceband data transmission capability. Usable frequencies are nominally 300 to 3000 Hz between an IC terminal location and another IC terminal location or a Telephone Company Central office which serves as an SSN Switch. The transmission interface at the End User's premises or Telephone Company Central Office is four-wire and the IC terminal location interface is four-wire. This service will support effective four-wire transmission.

b. Illustrative Application

Special Access Service VG9 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as SSN Network Trunks.

c. Optional Features

- C-Conditioning
- IC specified End User premises receive level within a range acceptable to the Telephone Company.
- Improved return loss at four-wire point of interface, applicable to each two-wire leg of effective four-wire channel.

(RT)

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Section 7
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ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Service-(Continued)

7.2.1 Analog Services-(Continued)

B. Voice Grade Services-(Continued)

8. Voice Grade 8 (VG8) Special Access Service-(Continued)

e. Available Facility Interface Combinations

VG8 is available only with specific facility interface combinations as set forth in Paragraph 7.2.1, B.14. following.

9. Voice Grade 9 (VG9) Special Access Service

a. Description

Special Access Service VG9 provides a channel for voiceband data transmission capability. Usable frequencies are nominally 300 to 3000 Hz between an IC terminal location and another IC terminal location or a Telephone Company Central office which serves as an SSN Switch. The transmission interface at the End User's premises or Telephone Company Central Office is four-wire and the IC terminal location interface is four-wire. This service will support effective four-wire transmission.

b. Illustrative Application

Special Access Service VG9 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as SSN Network Trunks.

c. Optional Features

- C-Conditioning
- IC specified End User premises receive level within a range acceptable to the Telephone Company for effective four-wire transmission.
- Improved return loss at four-wire point of interface, applicable to each two-wire leg of effective four-wire channel.

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Access Services Tariff
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7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Channel Interface and Network Channel Codes-(Continued) MISSOURI

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7.3.4 Service Designator/Network Channel Code Conversion Table-(Continued)

Service Designator Code	Network Channel Code
VG3	LD
VG4	LE
VG5	LF
VG6	LG
VG7	LH
VG8	LJ
VG9	LK
VG10	LN
VG11	LP
VG12	LR
(AT) VGW	SE (standard)
(AT) VGW	SF (improved)
APC	PQ
AP1	PE
AP2	PF
AP3	PJ
AP4	PK
WA1	WJ
WA1T	WQ
WA2	WL
WA2A	WR
WA3	WN
WA4	WP
WD1	WB
WD2	WE
WD3	WF
DA1	XA
DA2	XB
DA3	XG
DA4	XH
HCO	HS
HC1	HC
HC1C	HD
HC2	HE
HC3	HF
HC4	HG

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Access Services Tariff
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1st Revised Sheet 48
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(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Channel Interface and Network Channel Codes-(Continued)

7.3.4 Service Designator/Network Channel Code Conversion Table-(Continued)

Service Designator Code	Network Channel Code
VG3	LD
VG4	LE
VG5	LF
VG6	LG
VG7	LH
VG8	LJ
VG9	LK
VG10	LN
VG11	LP
VG12	LR
APC	PQ
AP1	PE
AP2	PF
AP3	PJ
AP4	PK
WA1	WJ
WA1T	WQ
WA2	WL
WA2A	WR
WA3	WN
WA4	WP
WD1	WB
WD2	WE
WD3	WF
DA1	XA
DA2	XB
DA3	XG
DA4	XH
HCO	HS
HC1	HC
HC1C	HD
HC2	HE
HC3	HF
HC4	HG

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Section 7
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ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Service-(Continued)

DEC 29 1983

7.2.1 Analog Services-(Continued)

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Public Service Commission

B. Voice Grade Services-(Continued)

9. Voice Grade 9 (VG9) Special Access Service-(Continued)

d. Transmission Performance

- C-Message Noise

The C-Message Noise shall be less than:

<u>Channel Mileage (mi)</u>	<u>Limit (dBrnC0)(1)</u>	
	<u>Type V1</u>	<u>Type V2</u>
0 - 50	32	38
51 - 100	33	39
101 - 200	35	41
201 - 400	37	43
401 - 1000	39	45

- Improved Return Loss

The Return Loss (RL), expressed as Echo Return Loss (ERL) and Singing Return Loss (SRL), on two-wire ports of a four-wire point of interface shall be equal to or greater than:

<u>Standard RL</u>	<u>Improved RL</u>
ERL 5 dB	ERL 20 dB
SRL 2.5 dB	SRL 13.5 dB

- Loss Variation

The long term loss variation from the nominal 1004 HZ EML shall not exceed +1.5 dB.

- Attenuation Distortion

The attenuation distortion between 404 Hz and 2804 Hz shall be within -1.0 dB and +2.0 dB with reference to the loss at 1004 Hz and between 304 Hz and 3004 Hz shall be within -3.0 dB and 12.0 dB (minus equals less loss, plus equals more loss).

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- (1) Where facility network conditions will support the parameters, Type V1 will be provided. Where the Type V1 parameters cannot be supported, Type V2 will be provided.

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Access Services Tariff
Section 7
1st Revised Sheet 49
Replacing Original Sheet 49

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Channel Interface and Network Channel Codes-(Continued)

7.3.5 Compatible Channel Interfaces

The following tables show the interface codes (CI's) which are compatible:

A. Metallic

<u>Compatible CI's</u>		<u>Compatible CI's</u>	
4AH5-B**	2DC8-1	4AH6-D**	2DC8-2
4AH5-B**	2DC8-2	2DC8-1	2DC8-2
4AH6-C**	2DC8-1	2DC8-3	2DC8-3
4AH6-C**	2DC8-2	4DS9*	2DC8-1
4AH6-D**	2DC8-1	4DS9*	2DC8-2

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* 4DS9-15, 4DS9-31, 4DS0-63, 4DS6-44, 4DS6-27

** Available to customers selecting the multiplexed four-wire high capacity analog channel interface option and providing subsequent system and channel assignment data.

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ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

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7.2 Technical Service Descriptions for Special Access Service-(Continued)

7.2.1 Analog Services-(Continued)

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B. Voice Grade Services-(Continued)

9. Voice Grade 9 (VG9) Special Access Service-(Continued)

d. Transmission Performance-(Continued)

- Signal-to-C Notch Noise

The Signal-to-C Notch noise ratio shall not be less than 34 dB.

- Envelope Delay Distortion

The Envelope Delay Distortion (EDD) shall not exceed 700 microseconds between 800 and 2600 Hz.

- Impulse Noise

The number of impulse noise counts exceeding a threshold of 67 dBrnC0 in 15 minutes shall be less than 15.

- Intermodulation Distortion

The intermodulation distortion based upon the four-tone method shall be such that R2 is not less than 50 dB and R3 not less than 54 dB.

- Phase Jitter

The phase jitter over 20-300 Hz shall not exceed 3° peak-to-peak and over 4-300 Hz shall not exceed 8° peak-to-peak.

- Frequency Shift

The frequency shift shall not exceed ± 1 Hz.

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Access Services Tariff
Section 7
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Replacing Original Sheet 50

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Channel Interface and Network Channel Codes-(Continued)

7.3.5 Compatible Channel Interfaces-(Continued)

B. Telegraph Grade

Compatible CI's		Compatible CI's		Compatible CI's	
10IA8	10IA8			4DB2-43 +	2TT2-2
4AH5-B**	10IA8	4AH6-D**	4TT2-6	4DB2-43 +	4TT2-2
				4DB2-43 +	4TT2-6
				4DB2-43 +	4DB2-43 +
4AH5-B**	2TT2-2	2DB2-10	10IA8	4DS9*	10IA8
4AH5-B**	4TT2-2	2DB2-10	2TT2-2	4DS9*	2TT2-2
4AH5-B**	2TT2-6	2DB2-10	4TT2-2	4DS9*	4TT2-2
		2DB2-10	2TT2-6		
4AH5-B**	4TT2-6	2DB2-43 +	10IA8	4DS9*	2TT2-6
4AH6-C**	10IA8	2DB2-43 +	2TT2-2	4DS9*	4TT2-6
4AH6-C**	2TT2-2	2DB2-43 +	2TT2-6	2TT2-2	2TT2-2
4AH6-C**	4TT2-2	2DB2-43 +	4TT2-2	2TT2-3 ++	2TT2-2
		2DB2-43 +	4TT2-6		
4AH6-C**	2TT2-6	4DB2-10	10IA8	2TT2-3 ++	4TT2-2
4AH6-C**	4TT2-6	4DB2-10	2TT2-2	2TT2-6	2TT2-6
4AH6-D**	10IA8	4DB2-10	4TT2-2	2TT2-6	4TT2-2
		4DB2-10	2TT2-6		
4AH6-D**	2TT2-2	4DB2-43 +	10IA8	4TT2-2	4TT2-2
4AH6-D**	4TT2-2	4DB2-43 +	2TT2-6		
4AH6-D**	2TT2-6			4TT2-6	4TT2-6

* 4DS9-15, 4DS9-31, 4DS9-63, 4DS6-44, 4DS6-27

** Available to customers selecting the multiplexed four-wire high capacity analog channel interface option and providing subsequent system and channel assignment data.

+ Supplemental channel assignment information required.

++ Available to existing customers only.

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Section 7
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ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Service-(Continued) Commission

7.2.1 Analog Services-(Continued)

B. Voice Grade Services-(Continued)

9. Voice Grade 9 (VG9) Special Access Service-(Continued)

e. Available Facility Interface Combinations

VG9 is available only with specific facility interface combinations as set forth in Paragraph 7.2.1, B.14., following.

10. Voice Grade 10 (VG10) Special Access Service

a. Description

Special Access Service VG10 provides a channel for voiceband data transmission capability. Usable frequencies are nominally 300 to 3000 Hz between an IC terminal location and an End User's premises. The standard transmission interface at the End User's premises and the IC terminal location is four-wire. This service will support effective four-wire transmission.

b. Illustrative applications

Special Access Service VG10 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Digital Data Off-Net Extension
- Voice Grade Data Facility

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Access Services Tariff
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Revised Sheet 51
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Public Service Commission

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Channel Interface and Network Channel Codes-(Continued)

7.3.5 Compatible Channel Interfaces-(Continued)

C. Voice Grade

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
4AB2	4AB2	4AH5-B+	2CT3	4AH6-D+	4DE2
		4AH6-C+	2CT3		
4AB2	2AC2	4AH6-D+	2CT3	4AH5-B+	4DX2
4AB2	2AC2R			4AH6-C+	4DX2
4AB2	4AC2	4AH5-B+	2DA2	4AH6-D+	4DX2
4AB2	4AC2R	4AH6-C+	2DA2		
		4AH6-D+	2DA2	4AH5-B+	4DY2
4AB2	4SF2	4AH5-B+	4DA2	4AH6-C+	4DY2
		4AH5-B+	4DA2S	4AH6-D+	4DY2
2AC2	2AC2	4AH6-C+	4DA2		
2AC2	4AC2	4AH6-C+	4DA2S		
4AC2	4AC2	4AH6-D+	4DA2		
		4AH6-D+	4DA2S		
4AH5-B+	4AB2	4AH5-B+	6DA2		
4AH6-C+	4AB2	4AH5-B+	6DA2S		
4AH6-D+	4AB2	4AH6-C+	6DA2		
		4AH6-C+	6DA2S		
4AH5-B+	2AC2	4AH6-D+	6DA2	4AH5-B+	4EA2-E
4AH5-B+	2AC2R	4AH6-D+	6DA2S	4AH5-B+	4EA2-M
4AH6-C+	2AC2				
4AH6-C+	2AC2R	4AH5-B+	4DB2	4AH6-C+	4EA2-E
4AH6-D+	2AC2	4AH6-C+	4DB2	4AH6-C+	4EA2-M
4AH6-D+	2AC2R	4AH6-D+	4DB2		
4AH5-B+	4AC2			4AH6-D+	4EA2-E
4AH5-B+	4AC2R	4AH5-B+	2DE2	4AH6-D+	4EA2-M
4AH6-C+	4AC2	4AH6-C+	2DE2	4AH5-B+	6EA2-E
4AH6-C+	4AC2R	4AH6-D+	2DE2	4AH5-B+	6EA2-M
4AH6-D+	4AC2	4AH5-B+	4DE2	4AH6-C+	6EA2-E
4AH6-D+	4AC2R	4AH6-C+	4DE2	4AH6-C+	6EA2-M

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+ Available to customers selecting the multiplexed four-wire high capacity analog channel interface option and providing subsequent system and channel assignment data.

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

DEC 29 1983

7.2 Technical Service Descriptions for Special Access Service-(Continued)

7.2.1 Analog Services-(Continued)

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B. Voice Grade Services-(Continued)

10. Voice Grade 10 (VG10) Special Access Service-(Continued)

c. Optional Features

- Central office bridging capability.
- Improved return loss at four-wire point of interface, applicable to each two-wire leg of effective four-wire channel.
- C-Conditioning
- DA-Conditioning

d. Transmission Performance

- C-Message Noise

The C-Message Noise shall be less than:

Channel Mileage (mi)	Limit (dBrnC0)(1)	
	Type V1	Type V2
0 - 50	32	38
51 - 100	33	39
101 - 200	35	41
201 - 400	37	43
401 - 1000	39	45

- Improved Return Loss

The Return Loss (RL), expressed as Echo Return Loss (ERL) and Singing Return Loss (SRL), on two-wire ports of a four-wire point of interface shall be equal to or greater than:

Standard RL
SRL 2.5 dB
Improved RL
ERL 20 dB
SRL 13.5 dB

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83 - 253

- (1) Where facility network conditions will support the parameters, Type V1 will be provided. Where the Type V1 parameters cannot be supported, Type V2 will be provided.

BY *[Signature]*
PUBLIC SERVICE COMMISSION
OF MISSOURI

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Access Services Tariff
Section 7

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(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Channel Interface and Network Channel Codes-(Continued)

7.3.5 Compatible Channel Interfaces-(Continued)

C. Voice Grade-(Continued)

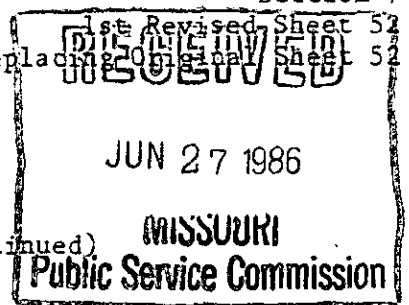
<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
4AH6-D+	6EA2-E	4AH6-C+	2GS3-C	4AH6-C+	2LR2
4AH6-D+	6EA2-M	4AH6-C+	2GS3-M	4AH6-D+	2LR2
		4AH6-D+	2GS2	4AH5-B+	4LR2
4AH5-B+	6EB2-E	4AH6-D+	2GS2-M	4AH6-C+	4LR2
4AH5-B+	6EB2-M	4AH6-D+	2GS3	4AH6-D+	4LR2
4AH6-C+	6EB2-E	4AH6-D+	2GS3-C		
4AH6-C+	6EB2-M	4AH6-D+	2GS3-M	4AH5-B+	2LS2
4AH6-D+	6EB2-E	4AH5-B+	4GS2	4AH5-B+	2LS2-M
4AH6-D+	6EB2-M	4AH6-C+	4GS2	4AH5-B+	2LS3
4AH5-B+	8EB2-E	4AH6-D+	4GS2	4AH5-B+	2LS3-M
4AH5-B+	8EB2-M	4AH5-B+	6GS2	4AH6-C+	2LS2
4AH6-C+	8EB2-E	4AH6-C+	6GS2	4AH6-C+	2LS2-M
4AH6-C+	8EB2-M	4AH6-D+	6GS2	4AH6-C+	2LS3
4AH6-D+	8EB2-E			4AH6-C+	2LS3-M
4AH6-D+	8EB2-M	4AH5-B+	2LA2	4AH6-D+	2LS2
		4AH6-C+	2LA2	4AH6-D+	2LS2-M
		4AH5-D+	2LA2	4AH6-D+	2LS3
				4AH6-D+	2LS3-M
		4AH5-B+	2LB2	4AH5-B+	4LS2
		4AH6-C+	2LB2	4AH6-C+	4LS2
		4AH6-D+	2LB2	4AH6-D+	4LS2
				4AH5-B+	2N02
4AH5-B+	2G03	4AH5-B+	2LC2	4AH6-C+	2N02
4AH6-C+	2G03	4AH6-C+	2LC2	4AH6-D+	2N02
4AH6-D+	2G03	4AH6-D+	2LC2	4AH5-B+	4N02
				4AH5-B+	4N02-S
4AH5-B+	2GS2	4AH5-B+	2L03	4AH6-C+	4N02
4AH5-B+	2GS2-M	4AH6-C+	2L03	4AH6-C+	4N02-S
4AH5-B+	2GS3	4AH6-D+	2L03	4AH6-D+	4N02
4AH5-B+	2GS3-C			4AH6-D+	4N02-S
4AH5-B+	2GS3-M			4AH5-B+	2PR2
4AH6-C+	2GS2			4AH6-C+	2PR2
4AH6-C+	2GS2-M			4AH6-D+	2PR2
4AH6-C+	2GS3	4AH5-B+	2LR2	4AH5-B+	4PR2

+ Available to customer selecting the multiplexed four-wire high-capacity analog channel interface option and providing subsequent system and channel assignment data.

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Access Services Tariff
Section 7
Original Sheet 52

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ACCESS SERVICES

DEC 29 1983

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Service-(Continued)

7.2.1 Analog Services-(Continued)

Public Service Commission

B. Voice Grade Services-(Continued)

10. Voice Grade 10 (VG10) Special Access Service-(Continued)

d. Transmission Performance-(Continued)

- Loss Variation

The long term loss variation from the nominal 1004 Hz EML shall not exceed +4 dB.

- Attenuation Distortion

The attenuation distortion between 404 Hz and 2804 Hz shall be within -2.0 dB and +10.0 dB with reference to the loss at 1004 Hz (minus equals less loss, plus equals more loss). The attenuation distortion between 504 Hz and 2504 Hz shall be within -2.0 dB and +8.0 dB with reference to the loss at 1004 Hz. The attenuation distortion between 304 Hz and 3004 Hz shall be within -3.0 dB and +12.0 dB.

- Signal-to-C Notch Noise

The Signal-to-C Notch noise ratio shall not be less than 24 dB.

- Envelope Delay Distortion

The Envelope Delay Distortion (EDD) shall not exceed 1750 microseconds between 800 and 2600 Hz.

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Access Services Tariff
Section 7
1st Revised Sheet 53
Replacing Original Sheet 53

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Channel Interface and Network Channel Codes-(Continued)

7.3.5 Compatible Channel Interfaces-(Continued)

C. Voice Grade-(Continued)

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
4AH6-C+	4PR2	2CT3	8EB2-M	2DB2	2NO2
4AH6-D+	4PR2			4DB2	2NO2
		2CT3	8EC2	4DB2	4NO2
4AH5-B+	2RV2-T			4DB2	4NO2-S
4AH6-C+	2RV2-T	2CT3	4SF2		
4AH6-D+	2RV2-T			2DB3	2PR2
4AH5-B+	4RV2-T	2DA2	2DA2	4DB2	2PR2
4AH6-C+	4RV2-T	4DA2	2DA2	4DB2	4PR2
4AH6-D+	4RV2-T	4DA2-S	2DA2		
		4DA2	4DA2	4DD3	2DE2
4AH5-B+	2TF2	4DA2	4DA2-S	4DD3	4DE2
4AH6-C+	2TF2	4DA2-S	4DA2-S		
4AH6-D+	2TF2	6DA2	2DA2	4DS9-*	4AB2
4AH5-B+	4TF2	6DA2-S	2DA2		
4AH6-C+	4TF2	6DA2	4DA2	4DS9-*	2AC2
4AH6-D+	4TF2	6DA2	4DA2-S	4DS9-*	2AC2-R
		6DA2-S	4DA2	4DS9-*	4AC2
2CT3	2CT3	6DA2-S	4DA2-S	4DS9-*	4AC2-R
		6DA2	6DA2		
		6DA2	6DA2-S	4DS9-*	2CT3
2CT3	4DX2	6DA2-S	6DA2-S		
				4DS9-*	2DA2
2CT3	4EA2-E	2DB2	2DA2	4DS9-*	4DA2
2CT3	4EA2-M	4DB2	2DA2	4DS9-*	4DA2-S
2CT3	6EA2-E	4DB2	4DA2	4DS9-*	6DA2
2CT3	6EA2-M	4DB2	4DA2-S	4DS9-*	6DA2-S
		4DB2	6DA2		
2CT3	6EB2-E	4DB2	6DA2-S	4DS9-*	4DB2
2CT3	6EB2-M			4DS9-*	2DE2
2CT3	8EB2-E	4DB2	4DB2	4DS9-*	4DE2

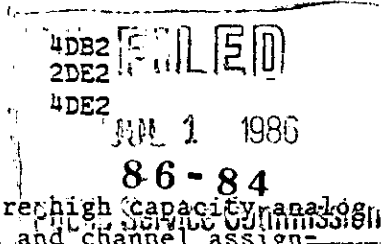
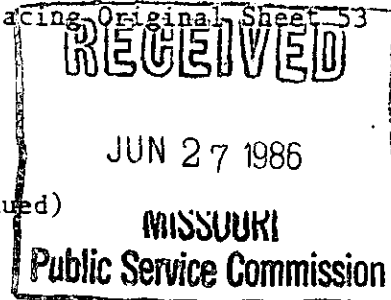
+ Available to customers selecting the multiplexed four-wire high capacity analog channel interface option and providing subsequent system and channel assignment data.

* 4DS9-15, 4DS9-31, 4DS0-63, 4DS6,44, 4DS6-27

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Access Services Tariff
Section 7
Original Sheet 53

ACCESS SERVICES

DEC 29 1983

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Service-(Continued)

7.2.1 Analog Services-(Continued)

B. Voice Grade Services-(Continued)

10. Voice Grade 10 (VG10) Special Access Service-(Continued)

d. Transmission Performance-(Continued)

- Impulse Noise

The number of impulse noise counts exceeding a threshold of 71 dBrnC0 in 15 minutes shall be less than 15.

- Intermodulation Distortion

The intermodulation distortion based upon the four-tone method shall be such that R2 is not less than 27 dB and R3 not less than 32 dB.

- Phase Jitter

The phase jitter over 20-300 Hz shall not exceed 10° peak-to-peak and over 4-300 Hz shall not exceed 15° peak-to-peak.

- Frequency Shift

The frequency shift shall not exceed ± 3 Hz.

e. Available Facility Interface Combinations

VG10 is available only with specific facility interface combinations as set forth in Paragraph 7.2.1, B.14., following.

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Access Services Tariff
Section 7
1st Revised Sheet 54
Replacing Original Sheet 54

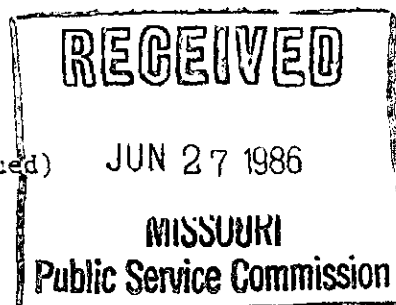
(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Channel Interface and Network Channel Codes-(Continued)

7.3.5 Compatible Channel Interfaces-(Continued)

C. Voice Grade-(Continued)



<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
4DS9-*	4DX2	4DS9-*	2LO3	4DX2	6EA2-E
				4DX2	6EA2-M
4DS9-*	4DY2	4DS9-*	2LR2		
		4DS9-*	4LR2		
		4DS9-*	2LS2	4DX2	6EB2-E
		4DS9-*	2LS2-M	4DX2	6EB2-M
4DS9-*	4EA2-E	4DS9-*	2LS3	4DX2	8EB2-E
4DS9-*	4EA2-M	4DS9-*	2LS3-M	4DX2	8EB2-M
4DS9-*	6EA2-E	4DS9-*	4LS2	4DX2	8EC2
4DS9-*	6EA2-M				
		4DS9-*	2NO2	4DX2	2LS2
		4DS9-*	4NO2		
4DS9-*	6EB2-E	4DS9-*	4NO2-S	4DX2	2RV2-T
4DS9-*	6EB2-M			4DX2	4RV2-T
4DS9-*	8EB2-E	4DS9-*	2PR2		
4DS9-*	8EB2-M	4DS9-*	4PR2	4DX2	4SF2
4DS9-*	2G03	4DS9-*	2RV2-T	6EA2-E	4DY2
		4DS9-*	4RV2-T	6EA2-M	4DY2
4DS9-*	2GS2				
4DS9-*	2GS2-M	4DS9-*	4SF2		
4DS9-*	2GS3				
4DS9-*	2GS3-C	4DS9-*	2TF2		
4DS9-*	2GS3-M	4DS9-*	4TF2		
4DS9-*	4GS2				
4DS9-*	6GS2	4DX2	4DX2	4EA2-E	4EA2-E
				4EA2-E	4EA2-M
4DS9-*	2LA2	4DX2	4DY2	4EA2-M	4EA2-M
4DS9-*	2LB2			6EA2-E	4EA2-E
		4DX2	4EA2-E	6EA2-E	4EA2-M
4DS9-*	2LC2	4DX2	4EA2-M	6EA2-M	4EA2-E

* 4DS9-15, 4DS9-31, 4DS0-63, 4DS6,44, 4DS6,27

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Access Services Tariff

Section 7

Original Sheet 54

ACCESS SERVICES

DEC 29 1983

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Service-(Continued) Missouri Public Service Commission

7.2.1 Analog Services-(Continued)

B. Voice Grade Services-(Continued)

11. Voice Grade 11 (VG11) Special Access Service

Reserved For Future Use

12. Voice Grade 12 (VG12) Special Access Service

Reserved For Future Use

13. Voice Grade 13 (VG13) Special Access Service

Reserved For Future Use

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Access Services Tariff
Section 7
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Replacing 1st Revised Sheet 55

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Channel Interface and Network Channel Codes-(Continued)

7.3.5 Compatible Channel Interfaces-(Continued)

C. Voice Grade-(Continued)

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
6EA2-M	4EA2-M	4EA2-E	4SF2	8EB2-M	4RV2-T
6EA2-E	6EA2-E	4EA2-M	4SF2		
6EA2-E	6EA2-M	6EA2-E	4SF2	6EB2-E	4SF2
6EA2-M	6EA2-M	6EA2-M	4SF2	6EB2-M	4SF2
				8EB2-E	4SF2
				8EB2-M	4SF2
		8EB2-E	4DY2		
4EA2-E	6EB2-E	8EB2-M	4DY2	8EC2	4DY2
4EA2-E	6EB2-M				
4EA2-M	6EB2-E				
4EA2-M	6EB2-M			8EC2	4EA2-E
4EA2-E	8EB2-E	8EB2-E	4EA2-E	8EC2	4EA2-M
4EA2-E	8EB2-M	8EB2-E	4EA2-M	8EC2	6EA2-E
4EA2-M	8EB2-E	8EB2-M	4EA2-E	8EC2	6EA2-M
4EA2-M	8EB2-M	8EB2-M	4EA2-M		
6EA2-E	6EB2-E				
6EA2-E	6EB2-M	6EB2-E	6EB2-E	8EC2	6EB2-E
6EA2-M	6EB2-E	6EB2-E	6EB2-M	8EC2	6EB2-M
6EA2-M	6EB2-M	6EB2-M	6EB2-M	8EC2	8EB2-E
6EA2-E	8EB2-E	8EB2-E	6EB2-E	8EC2	8EB2-M
6EA2-E	8EB2-M	8EB2-E	6EB2-M		
6EA2-M	8EB2-E	8EB2-M	6EB2-E	6EX2-B	2GO2
6EA2-M	8EB2-M	8EB2-M	6EB2-M	6EX2-B	2GO3
		8EB2-E	8EB2-E		
		8EB2-E	8EB2-M	6EX2-A	2GS2
		8EB2-M	8EB2-M	6EX2-A	2GS2-M
6EA2-E	2LS2			6EX2-A	2GS3
6EA2-M	2LS2	8EB2-E	2LS2	6EX2-A	2GS3-C
		8EB2-M	2LS2	6EX2-A	2GS3-M
6EA2-E	2RV2-T			6EX2-A	4GS2
6EA2-M	2RV2-T	8EB2-E	2RV2-T	6EX2-A	6GS2
6EA2-E	4RV2-T	8EB2-M	2RV2-T		
6EA2-M	4RV2-T	8EB2-E	4RV2-T	6EX2-B	2LA2

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St. Louis, Missouri

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Access Services Tariff
Section 7
1st Revised Sheet 55
Replacing Original Sheet 55

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE--(Continued)

7.2 Technical Service Descriptions for Special Access Service--(Continued)

7.2.1 Analog Services--(Continued)

B. Voice Grade Services--(Continued)

14. Available Facility Interface (FI) Combinations

The following table shows the available FI combinations and the Voice Grade Services with which they may be ordered.

FI Combinations		Voice Grade Service (VG)												
IC	End User	1	2	3	4	5	6	7	8	9	10	11	12	13
4AB2	4AC2		X											
4AB2	2AC2		X											
4AH6-D(1)	4AC2		X											
4AH6-D(1)	2AC2		X											
4AH6-C(1)	4AC2		X											
4AH6-C(1)	2AC2		X											
4AH5-B(1)	4AC2		X											
4AH5-B(1)	2AC2		X											
(AT) 4AH6-D(1)	6DA2						X				X			
4AH6-C(1)	6DA2						X				X			
4AH5-B(1)	6DA2						X				X			
(AT) 4AH6-D(1)	4DA2					X	X							
4AH6-C(1)	4DA2					X	X							
4AH5-B(1)	4DA2					X	X							
4AH6-D(1)	2DA2					X								
4AH6-C(1)	2DA2					X								
(AT) 4AH5-B(1)	2DA2					X								
4AH6-D(1)	4DE2					X								
4AH6-C(1)	4DE2					X								
4AH5-B(1)	4DE2					X								
(AT) 4AH6-D(1)	2DE2					X								
4AH6-C(1)	2DE2					X								
(AT) 4AH5-E(1)	2DE2					X								

(1) Available only to IC's selecting the multiplexed four-wire High Capacity analog facility interface option at the IC Terminal location and providing subsequent system and channel assignment data.

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Access Services Tariff
Section 7
Original Sheet 55

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ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Service-(Continued)

MISSOURI
Public Service Commission

7.2.1 Analog Services-(Continued)

B. Voice Grade Services-(Continued)

14. Available Facility Interface (FI) Combinations

The following table shows the available FI combinations and the Voice Grade Services with which they may be ordered.

FI Combinations		Voice Grade Service (VG)												
IC	End User	1	2	3	4	5	6	7	8	9	10	11	12	13
4AB2	4AC2	X												
4AB2	2AC2	X												
4AH6-D(1)	4AC2	X												
4AH6-D(1)	2AC2	X												
4AH6-C(1)	4AC2	X												
4AH6-C(1)	2AC2	X												
4AH5-B(1)	4AC2	X												
4AH5-B(1)	2AC2	X												
4AH6-D(1)	6DA2										X			
4AH6-C(1)	6DA2						X				X			
4AH5-B(1)	6DA2						X				X			
4AH6-D(1)	4DE2					X								
4AH6-C(1)	4DE2					X								
4AH5-B(1)	4DE2					X								

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- (1) Available only to IC's selecting the multiplexed four-wire High Capacity analog facility interface option at the IC Terminal location and providing subsequent system and channel assignment data.

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Access Services Tariff
Section 7
2nd Revised Sheet 56
Replacing 1st Revised Sheet 56

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Channel Interface and Network Channel Codes-(Continued)

7.3.5 Compatible Channel Interfaces-(Continued)

C. Voice Grade-(Continued)

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
6EX2-B	2LB2	2LO2	2LS2	4NO2	2DA2
		2LO2	2LS3	4NO2-S	2DA2
6EX2-B	2LC2	2LO3	2LS2	4NO2	4DA2
		4LO2	2LS2	4NO2	4DA2-S
		4LO2	2LS2-M	4NO2-S	4DA2
5EX2-B	2LO3	4LO2	2LS3	4NO2-S	4DA2-S
		4LO2	2LS3-M	4NO2	6DA2
6EX2-B	2LR2	4LO2	4LS2	4NO2	6DA2-S
6EX2-B	4LR2			4NO2-S	6DA2
		2LR2	2LR2	4NO2-S	6DA2-S
6EX2-A	2LS2	4LR2	2LR2		
6EX2-A	2LS2-M	4LR2	4LR2	4NO2	2DE2
6EX2-A	2LS3			4NO2-S	2DE2
6EX2-A	2LS3-M	2LS2	2GO2	4NO2	4DE2
6EX2-A	4LS2	2LS2	4GO2	4NO2-S	4DE2
		2LS3	2GO2		
2GO2	2GS2	2LS3	4GO2	2NO2	2NO2
2GO2	2GS3-C	4LS2	2GO2	2NO3	2NO2
2GO3	2GS2	4LS2	4GO2	2NO2	4NO2-S
2GO3	2GS3			4NO2	2NO2
4GO2	2GS2	2LS2	2LA2	4NO2	4NO2
4GO2	2GS2-M	4LS2	2LA2	4NO2	4NO2-S
4GO2	2GS3			4NO2-S	4NO2-S
4GO2	2GS3-C	2LS2	2LB2		
4GO2	2GS3-M	4LS2	2LB2	2NO3	2PR2
4GO2	4GS2			4NO2	4PR2
4GO2	6GS2	2LS2	2LC2		
		4LS2	2LC2	4RV2-O	2RV2-T
4GS2	2GO2			4RV2-O	4RV2-T
4GS2	2GO3	4LS2	2LO2		
		4LS2	2LO3	4SF2	2AC2
2GS2	2LO2			4SF2	2AC2-R
2GS2	4LO2	2NO2	2DA2	4SF2	4AC2
2GS3-C	2LO2	2NO2	4DA2	4SF2	4AC2-R
2GS3-C	4LO2	2NO2	4DA2-S		
4GS2	2LO2	2NO2	6DA2	4SF2	4DY2
4GS2	4LO2	2NO2	6DA2-S	4SF2	2GO3

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St. Louis, Missouri

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Access Services Tariff
Section 7
1st Revised Sheet 56
Replacing Original Sheet 56

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE--(Continued)

7.2 Technical Service Descriptions for Special Access Service--(Continued)

7.2.1 Analog Services--(Continued)

B. Voice Grade Services--(Continued)

14. Available Facility Interface (FI) Combinations--(Continued)

FI Combinations		Voice Grade Service (VG)												
IC	End User	1	2	3	4	5	6	7	8	9	10	11	12	13
4AH6-D(1)	4DX2									X				
4AH6-C(1)	4DX2									X				
4AH5-B(1)	4DX2									X				
4AH6-D(1)	9DY2			X				X	X					
4AH6-D(1)	6DY2			X				X	X					
4AH6-D(1)	4DY2			X				X	X					
4AH6-C(1)	9DY2			X				X	X					
4AH6-C(1)	6DY2			X				X	X					
4AH6-C(1)	4DY2			X				X	X					
4AH5-B(1)	9DY2			X				X	X					
4AH5-B(1)	6DY2			X				X	X					
4AH5-B(1)	4DY2			X				X	X					
4AH6-D(1)	9EA2			X				X	X					
4AH6-D(1)	6EA2-E			X				X	X					
4AH6-D(1)	6EA2-M			X				X	X	X				
4AH6-D(1)	4EA2-E			X				X	X					

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JUL 1 1986
BY *gnd S. 56*
PUBLIC SERVICE COMMISSION
OF MISSOURI

- (1) Available only to IC's selecting the multiplexed four-wire High Capacity analog facility interface option at the IC Terminal location and providing subsequent system and channel assignment data.

Issued: AUG 15 1984

Effective: OCT 15 1984

By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

Public Service Commission

No supplement to this tariff will be issued except for the purpose of canceling this tariff.

Access Services Tariff

Section 7

Original Sheet 56

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ACCESS SERVICES

DEC 29 1983

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Services-(Continued)

MISSOURI
Public Service Commission

7.2.1 Analog Services-(Continued)

B. Voice Grade Services-(Continued)

14. Available Facility Interface (FI) Combinations-(Continued)

FI Combinations		Voice Grade Service (VG)												
IC	End User	1	2	3	4	5	6	7	8	9	10	11	12	13
4AH5-D(1)	4DX2									X				
4AH6-C(1)	4DX2									X				
4AH5-B(1)	4DX2									X				
4AH6-D(1)	9DY2			X				X	X					
4AH6-D(1)	6DY2			X				X	X					
4AH6-D(1)	4DY2			X				X	X					
4AH6-C(1)	9DY2			X				X	X					
4AH6-C(1)	6DY2			X				X	X					
4AH6-C(1)	4DY2			X				X	X					
4AH5-B(1)	9DY2			X				X	X					
4AH5-B(1)	6DY2			X				X	X					
4AH5-B(1)	4DY2			X				X	X					
4AH6-D(1)	9EA2			X				X	X					
4AH6-D(1)	6EA2-E			X				X	X					
4AH6-D(1)	6EA2-M			X				X	X	X				
4AH6-D(1)	4EA2-E			X				X	X					

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OCT 15 1984

BY 1st RS 56
PUBLIC SERVICE COMMISSION
OF MISSOURI

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83 - 253

(1) Available only to IC's selecting the multiplexed four-wire High Capacity analog facility interface option at the IC Terminal location and providing subsequent system and channel assignment data.

Issued: DEC 29 1983

Effective: JAN 01 1984

By R. D. BARRON, Vice President-Missouri
Southwestern Bell Telephone Company
St. Louis, Missouri

No supplement to this
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except for the purpose
of canceling this tariff.

Access Services Tariff
Section 7
2nd Revised Sheet 57
Replacing 1st Revised Sheet 57

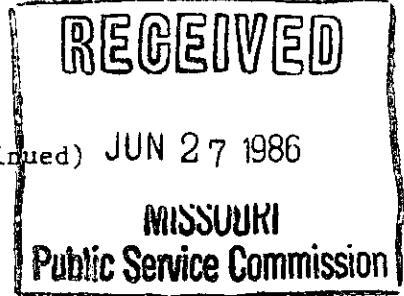
(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

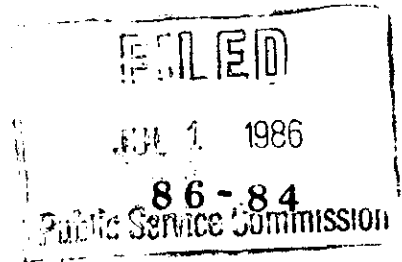
7.3 Channel Interface and Network Channel Codes-(Continued) JUN 27 1986

7.3.5 Compatible Channel Interfaces-(Continued)

C. Voice Grade-(Continued)

Compatible CIs

4SF2	2GS2
4SF2	2GS2-M
4SF2	2GS3
4SF2	2GS3-C
4SF2	2GS3-M
4SF2	4GS2
4SF2	6GS2
4SF2	2LA2
4SF2	2LB2
4SF2	2LC2
4SF2	2LO3
4SF2	2LR2
4SF2	4LR2
4SF2	2LS2
4SF2	2LS2-M
4SF2	2LS3
4SF2	2LS3-M
4SF2	4LS2
4SF2	2RV2-T
4SF2	4RV2-T
2TF3	2TF2
4TF2	2TF2
4TF2	4TF2



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Access Services Tariff
Section 7
1st Revised Sheet 57
Replacing Original Sheet 57

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Service-(Continued)

7.2.1 Analog Services-(Continued)

B. Voice Grade Services-(Continued)

14. Available Facility Interface (FI) Combinations-(Continued)

FI Combinations		Voice Grade Service-(VG)												
IC	End User	1	2	3	4	5	6	7	8	9	10	11	12	13
4AH6-D(1)	4EA2-M			X				X	X					
4AH6-C(1)	9EA2			X				X	X					
4AH6-C(1)	6EA2-E			X				X	X					
4AH6-C(1)	6EA2-M			X				X	X	X				
4AH6-C(1)	4EA2-E			X				X	X					
4AH6-C(1)	4EA2-M			X				X	X					
4AH5-B(1)	9EA2			X				X	X					
4AH5-B(1)	6EA2-E			X				X	X					
4AH5-B(1)	6EA2-M			X				X	X	X				
4AH5-B(1)	4EA2-E			X				X	X					
4AH5-B(1)	4EA2-M			X				X	X					
4AH6-D(1)	8EB 2-E			X				X	X					
4AH6-D(1)	8EB 2-M			X				X	X	X				
4AH6-D(1)	6EB 2-E			X				X	X					
4AH6-D(1)	6EB 2-M			X				X	X					
4AH6-C(1)	8EB 2-E			X				X	X					
4AH6-C(1)	8EB 2-M			X				X	X	X				
4AH6-C(1)	6EB 2-E			X				X	X					
4AH6-C(1)	6EB 2-M			X				X	X					
4AH5-B(1)	8EB 2-E			X				X	X					
4AH5-B(1)	8EB 2-M			X				X	X	X				
4AH5-B(1)	6EB 2-E			X				X	X					
4AH5-B(1)	6EB 2-M			X				X	X					
4AH6-D(1)	2G02	X												
4AH6-C(1)	2G02	X												
4AH5-B(1)	2G02	X												
4AH6-D(1)	6GS2(2)													
4AH6-D(1)	4GS2													
4AH6-D(1)	2GS3													
4AH6-D(1)	2GS2	X		X										

(AT)

(1) Available only to IC's selecting the multiplexed four-wire High Capacity analog facility interface option at the IC Terminal location and providing subsequent system and channel assignment data.

(2) This facility interface combination is applicable with Centrex C.O. Service only.

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By R. D. BARRON, President-Missouri Division
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Public Service Commission

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BY 2nd R.S. 57
PUBLIC SERVICE COMMISSION
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OCT 15 1984

No supplement to this tariff will be issued except for the purpose of canceling this tariff.

ACCESS SERVICES

DEC 29 1983

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Service-(Continued)

7.2.1 Analog Services-(Continued)

B. Voice Grade Services-(Continued)

14. Available Facility Interface (FI) Combinations-(Continued)

FI Combinations		Voice Grade Service (VG)												
IC	End User	1	2	3	4	5	6	7	8	9	10	11	12	13
4AH6-D(1)	4EA2-M			X				X	X					
4AH6-C(1)	9EA2			X				X	X					
4AH6-C(1)	6EA2-E			X				X	X					
4AH6-C(1)	6EA2-M			X				X	X	X				
4AH6-C(1)	4EA2-E			X				X	X					
4AH6-C(1)	4EA2-M			X				X	X					
4AH5-B(1)	9EA2			X				X	X					
4AH5-B(1)	6EA2-E			X				X	X					
4AH5-B(1)	6EA2-M			X				X	X	X				
4AH5-B(1)	4EA2-E			X				X	X					
4AH5-B(1)	4EA2-M			X				X	X					
4AH6-D(1)	8EB2-E			X				X	X					
4AH6-D(1)	8EB2-M			X				X	X	X				
4AH6-D(1)	6EB2-E			X				X	X					
4AH6-D(1)	6EB2-M			X				X	X					
4AH6-C(1)	8EB2-E			X				X	X					
4AH6-C(1)	8EB2-M			X				X	X	X				
4AH6-C(1)	6EB2-E			X				X	X					
4AH6-C(1)	6EB2-M			X				X	X					
4AH5-B(1)	8EB2-E			X				X	X					
4AH5-B(1)	8EB2-M			X				X	X	X				
4AH5-B(1)	6EB2-E			X				X	X					
4AH5-B(1)	6EB2-M			X				X	X					
4AH6-D(1)	2G02	X												
4AH6-C(1)	2G02	X												
4AH5-B(1)	2G02	X												
4AH6-D(1)	4GS2													
4AH6-D(1)	2GS3			X				X						
4AH6-D(1)	2GS2	X		X				X						

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 OCT 15 1984
 BY 1st RS 57
 PUBLIC SERVICE COMMISSION
 OF MISSOURI

JAN 7 1984
 83 - 253

(1) Available only to IC's selecting the multiplexed four-wire High Capacity analog facility interface option at the IC Terminal location and providing subsequent system and channel assignment data.

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Effective: JAN 01 1984

By R. D. BARRON, Vice President-Missouri
 Southwestern Bell Telephone Company
 St. Louis, Missouri

No supplement to this
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(AT)

Access Services Tariff
Section 7
4th Revised Sheet 58
Replacing 3rd Revised Sheet 58
Through
1st Revised Sheet 61
Original Sheet 62

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ACCESS SERVICES

OCT 23 1987

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Channel Interface and Network Channel Codes-(Continued)

MISSOURI
Public Service Commission

7.3.5 Compatible Channel Interfaces-(Continued)

C. Voice Grade-(Continued)

WAL Serving Office
Supervisory Signaling

Available WAL
Channel Interfaces

LO

2LS2, 2LS3, 4LS2,
4DS9-15, 4DS9-31,
4DS0-63, 4DS6-44,
4DS6-27

GO

2GS2, 2GS3, 2GS3-C,
4GS2, 4GS2-C, 4DS9-15,
4DS9-31, 4DS0-63,
4DS6-44, 4DS6-27

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FEB 1 1988

Public Service Commission

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By R. D. BARRON, President-Missouri Division
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Access Services Tariff
Section 7
3rd Revised Sheet 58
Replacing 2nd Revised Sheet 58

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

OCT 13 1987

7.3 Channel Interface and Network Channel Codes-(Continued)

MISSOURI

7.3.5 Compatible Channel Interfaces-(Continued)

Public Service Commission

C. Voice Grade-(Continued)

(AT)

WAL Serving Office
Supervisory Signaling

Available WAL
Channel Interfaces

LO

2LS2, 2LS3, 4LS2,
4DS9-15, 4DS9-31,
4DS0-63, 4DS6-44,
4DS6-27

GO

2GS2, 2GS3, 2GS3-C,
4GS2, 4GS2-C, 4DS9-15,
4DS9-31, 4DS0-63,
4DS6-44, 4DS6-27

(AT)

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BY 401 S-158

Public Service Commission
MISSOURI

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OCT 16 1987

TO-87-42
Public Service Commission

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Access Services Tariff
Section 7
2nd Revised Sheet 58
Replacing 1st Revised Sheet 58
Through
1st Revised Sheet 61
~~Original Sheet 62~~

(CP)ACCESS SERVICES

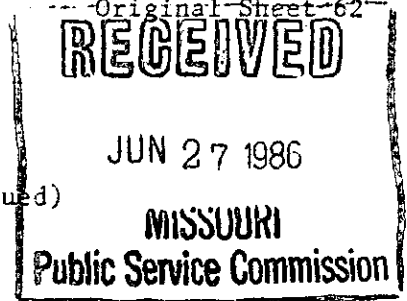
7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Channel Interface and Network Channel Codes-(Continued)

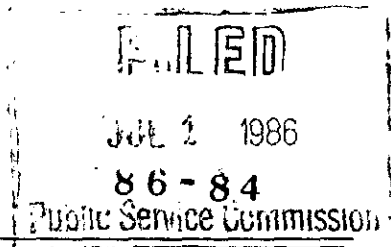
7.3.5 Compatible Channel Interfaces-(Continued)

C. Voice Grade-(Continued)

(RT)



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OCT 16 1987
BY 380 RS #58
Public Service Commission
MISSOURI



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By R. D. BARRON, President-Missouri Division
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Access Services Tariff
Section 7
1st Revised Sheet 58
Replacing Original Sheet 58

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Service-(Continued)

7.2.1 Analog Services-(Continued)

B. Voice Grade Services-(Continued)

14. Available Facility Interface (FI) Combinations-(Continued)

FI Combinations		Voice Grade Service												
IC	End User	1	2	3	4	5	6	7	8	9	10	11	12	13
(AT) 4AH6-C(1)	6GS2(2)			X				X						
4AH6-C(1)	4GS2			X				X						
4AH6-C(1)	2GS3			X				X						
4AH6-C(1)	2GS2	X		X				X						
(AT) 4AH5-B(1)	6GS2(2)			X				X						
4AH5-B(1)	4GS2			X				X						
4AH5-B(1)	2GS3			X				X						
4AH5-B(1)	2GS2	X		X				X						
4AH6-D(1)	2LA2		X					X						
4AH6-C(1)	2LA2		X					X						
4AH5-B(1)	2LA2		X					X						
4AH6-D(1)	2LB2		X					X						
4AH6-C(1)	2LB2		X					X						
4AH5-B(1)	2LB2		X					X						
4AH6-D(1)	2LC2		X					X						
4AH6-C(1)	2LC2		X					X						
4AH5-B(1)	2LC2		X					X						
4AH6-D(1)	2LO3		X					X						
4AH6-D(1)	2LO2	X												
4AH6-C(1)	2LO3		X					X						
4AH6-C(1)	2LO2	X												
4AH5-B(1)	2LO3		X											
4AH5-B(1)	2LO2	X												
4AH6-D(1)	4LR2		X											
4AH6-D(1)	2LR2		X											
4AH6-C(1)	4LR2		X											
4AH6-C(1)	2LR2		X											
4AH5-B(1)	4LR2		X											
4AH5-B(1)	2LR2		X											

- (1) Available only to IC's selecting the multiplexed four-wire High Capacity analog facility interface option at the IC Terminal location and providing subsequent system and channel assignment data.
- (2) This facility interface combination is applicable with Centrex C.O. Service only.

Issued: AUG 15 1984

Effective: OCT 15 1984

By R. D. BARRON, President-Missouri Division
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Public Service Commission

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Access Services Tariff
Section 7
Original Sheet 58
JAN 15 1984

ACCESS SERVICES

DEC 29 1983

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Service-(Continued)

MISSOURI
Public Service Commission

7.2.1 Analog Services-(Continued)

B. Voice Grade Services-(Continued)

14. Available Facility Interface (FI) Combinations-(Continued)

FI Combinations		Voice Grade Service (VG)												
IC	End User	1	2	3	4	5	6	7	8	9	10	11	12	13
4AH6-C(1)	4GS2			X				X						
4AH6-C(1)	2GS3			X				X						
4AH6-C(1)	2GS2	X		X				X						
4AH5-B(1)	4GS2			X				X						
4AH5-B(1)	2GS3			X				X						
4AH5-B(1)	2GS2	X		X				X						
4AH6-D(1)	2LA2		X					X						
4AH6-C(1)	2LA2		X					X						
4AH5-B(1)	2LA2		X					X						
4AH6-D(1)	2LB2		X					X						
4AH6-C(1)	2LB2		X					X						
4AH5-B(1)	2LB2		X					X						
4AH6-D(1)	2LC2		X					X						
4AH6-C(1)	2LC2		X					X						
4AH5-B(1)	2LC2		X					X						
4AH6-D(1)	2LO3		X					X						
4AH6-D(1)	2LO2	X												
4AH6-C(1)	2LO3		X					X						
4AH6-C(1)	2LO2	X												
4AH5-B(1)	2LO3		X					X						
4AH5-B(1)	2LO2	X												
4AH6-D(1)	4LR2		X											
4AH6-D(1)	2LR2		X											
4AH6-C(1)	4LR2		X											
4AH6-C(1)	2LR2		X											
4AH5-B(1)	4LR2		X											
4AH5-B(1)	2LR2		X											

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OCT 15 1984
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PUBLIC SERVICE COMMISSION
OF MISSOURI

(1) Available only to IC's selecting the multiplexed four-wire High Capacity analog facility interface option at the IC Terminal location and providing subsequent system and channel assignment data.

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By R. D. BARRON, Vice President-Missouri
Southwestern Bell Telephone Company
St. Louis, Missouri

JAN 1 1984
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Access Services Tariff
Section 7
1st Revised Sheet 59
Replacing Original Sheet 59

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE--(Continued)

7.2 Technical Service Descriptions for Special Access Service--(Continued)

7.2.1 Analog Services--(Continued)

B. Voice Grade Services--(Continued)

14. Available Facility Interface (FI) Combinations--(Continued)

FI Combinations		Voice Grade Service (VG)												
IC	End User	1	2	3	4	5	6	7	8	9	10	11	12	13
4AH6-D(1)	4LS2		X	X				X						
4AH6-D(1)	2LS2	X	X	X				X	X					
4AH6-D(1)	2LS3		X	X				X						
4AH6-C(1)	4LS2		X	X				X						
4AH6-C(1)	2LS2	X	X	X				X	X					
4AH6-C(1)	2LS3		X	X				X						
4AH5-B(1)	4LS2		X	X				X						
4AH5-B(1)	2LS2	X	X	X				X	X					
4AH5-B(1)	2LS3		X	X				X						
4AH6-D(1)	4NO2	X	X			X	X	X		X				
4AH6-D(1)	2NO2	X	X			X		X						
4AH6-C(1)	4NO2	X	X			X	X	X		X				
4AH6-C(1)	2NO2	X	X			X		X						
4AH5-B(1)	4NO2	X	X			X	X	X		X				
4AH5-B(1)	2NO2	X	X			X		X						
4AH6-D(1)	4RV2-T			X				X						
4AH6-D(1)	2RV2-T			X										
4AH6-C(1)	4RV2-T			X				X						
4AH6-C(1)	2RV2-T			X										
4AH5-B(1)	4RV2-T			X				X						
4AH5-B(1)	2RV2-T			X										

CANCELLED

JUL 1 1986

BY *gnd R S 58*
PUBLIC SERVICE COMMISSION

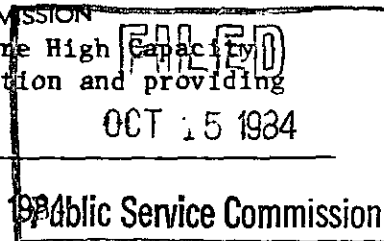
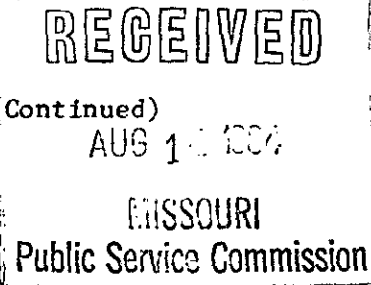
- (1) Available only to IC's selecting the multiplexed four-wire High Capacity analog facility interface option at the IC Terminal location and providing subsequent system and channel assignment data.

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By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri



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Access Services Tariff

Section 7

Original Sheet 59

ACCESS SERVICES

DEC 29 1983

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Service-(Continued)

MISSOURI
Public Service Commission

7.2.1 Analog Services-(Continued)

B. Voice Grade Services-(Continued)

14. Available Facility Interface (FI) Combinations-(Continued)

FI Combinations		Voice Grade Service (VG)												
IC	End User	1	2	3	4	5	6	7	8	9	10	11	12	13
4AH6-D(1)	4LS2		X	X				X						
4AH6-D(1)	2LS2	X	X	X				X	X					
4AH6-D(1)	2LS3		X	X				X						
4AH6-C(1)	4LS2		X	X				X						
4AH6-C(1)	2LS2	X	X	X				X	X					
4AH6-C(1)	2LS3		X	X				X						
4AH5-B(1)	6LS2		X	X				X						
4AH5-B(1)	4LS2		X	X				X						
4AH5-B(1)	2LS2	X	X	X				X	X					
4AH5-B(1)	2LS3		X	X				X						
4AH6-D(1)	4NO2	X	X			X	X	X						
4AH6-D(1)	2NC2	X	X			X		X						
4AH6-C(1)	4NO2	X	X			X	X	X		X				
4AH6-C(1)	2NO2	X	X			X		X						
4AH5-B(1)	4NO2	X	X			X	X	X		X				
4AH5-B(1)	2NO2	X	X			X		X						
4AH6-D(1)	4RV2-T			X				X						
4AH6-D(1)	2RV2-T			X				X						
4AH6-C(1)	4RV2-T			X				X						
4AH6-C(1)	2RV2-T			X				X						
4AH5-B(1)	4RV2-T			X				X						
4AH5-B(1)	2RV2-T			X				X						

CANCELLED

OCT 15 1984
BY 1st RS 59
PUBLIC SERVICE COMMISSION
OF MISSOURI

- (1) Available only to IC's selecting the multiplexed four-wire High Capacity analog facility interface option at the IC Terminal location and providing subsequent system and channel assignment data.

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

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7.2 Technical Service Descriptions for Special Access Service-(Continued)

7.2.1 Analog Services-(Continued)

MISSOURI
Public Service Commission

B. Voice Grade Services-(Continued)

14. Available Facility Interface (FI) Combinations-(Continued)

	FI Combinations		Voice Grade Service (VG)												
	IC	End User	1	2	3	4	5	6	7	8	9	10	11	12	13
(RT)															
(RT)															
(AT)	4DB2	2DA2					X								
	4DB2	4DA2					X	X				X			
(AT)	2DB2(2)	2DA2					X	X							
	4DB2	6DA2						X				X			
(AT)	2DB2	2NO2					X								
	4DB2	4NO2						X							
(AT)	4DB2	2NO2					X								
	4DD3	4DE2					X								
(CT)	4DD3	2DE2					X								
	4DS9(1)	4AC2	X												
	4DS9(1)	2AC2	X												
	4DS9(1)	6DA2						X				X			
(AT)	4DS9(1)	4DA2					X	X							
(AT)	4DS9(1)	2DA2					X								
	4DS9(1)	4DE2													
(AT)	4DS9(1)	2DE2													
	4DS9(1)	4DX2													

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JUL 1 1986

BY *gmr* R.S.58

- (1) See Paragraph 7.3.3, following, for explanation.
(AT) (2) For VG-6, available only when new legs are added to existing one-way multi-point circuits.

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7. SPECIAL ACCESS SERVICE-(Continued)

DEC 29 1983

7.2 Technical Service Descriptions for Special Access Service-(Continued)

7.2.1 Analog Services-(Continued)

Public Service Commission

B. Voice Grade Services-(Continued)

14. Available Facility Interface (FI) Combinations-(Continued)

FI Combinations		Voice Grade Service (VG)												
IC	End User	1	2	3	4	5	6	7	8	9	10	11	12	13
6DA2	6DA2										X			
6DA2	4DA2										X			
4DA2	6DA2										X			
4DA2	4DA2										X			
-4DB2	6DA2						X				X			
4DB2	4N02						X							
4DD3	4DE2					X								
2DD3	2DE2					X								
4DS9(1)	4AC2	X												
4DS9(1)	2AC2	X												
4DS9(1)	6DA2						X				X			
4DS9(1)	4DE2					X								
4DS9(1)	4DX2										X			

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(1) See Paragraph 7.3.3, following, for explanation.

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7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Service-(Continued)

7.2.1 Analog Services-(Continued)

B. Voice Grade Services-(Continued)

14. Available Facility Interface (FI) Combinations-(Continued)

FI Combinations		Voice Grade Service (VG)												
IC	End User	1	2	3	4	5	6	7	8	9	10	11	12	13
4DS9(1)	9DY2			X				X	X					
4DS9(1)	6DY2			X				X	X					
4DS9(1)	4DY2			X				X	X					
4DS9(1)	9EA2			X				X	X					
4DS9(1)	6EA2-E			X				X	X					
4DS9(1)	6EA2-M			X				X	X	X				
4DS9(1)	4EA2-E			X				X	X					
4DS9(1)	4EA2-M			X				X	X					
4DS9(1)	8EB2-E			X				X	X					
4DS9(1)	8EB2-M			X				X	X	X				
4DS9(1)	6EB2-E			X				X	X					
4DS9(1)	6EB2-M			X				X	X					
4DS9(1)	2GO2	X												
(AT) 4DS9(1)	6GS2(2)			X				X						
4DS9(1)	4GS2			X				X						
4DS9(1)	2GS2	X		X				X						
4DS9(1)	2GS3			X				X						
(CT) 4DS9(1)	2LB2		X					X						
(CT) 4DS9(1)	2LA2													
(CT) 4DS9(1)	2LC2							X						

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- (1) See Paragraph 7.3.3, following, for explanation.
(AT) (2) This facility interface combination is applicable with Centrex C.O. Service only.

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Service-(Continued)

7.2.1 Analog Services-(Continued)

B. Voice Grade Services-(Continued)

14. Available Facility Interface (FI) Combinations-(Continued)

FI Combinations		Voice Grade Service (VG)												
IC	End User	1	2	3	4	5	6	7	8	9	10	11	12	13
4DS9(1)	9DY2			X				X	X					
4DS9(1)	6DY2			X				X	X					
4DS9(1)	4DY2			X				X	X					
4DS9(1)	9EA2			X				X	X					
4DS9(1)	6EA2-E			X				X	X					
4DS9(1)	6EA2-M			X				X	X	X				
4DS9(1)	4EA2-E			X				X	X					
4DS9(1)	4EA2-M			X				X	X					
4DS9(1)	8EB2-E			X				X	X					
4DS9(1)	8EB2-M			X				X	X	X				
4DS9(1)	6EB2-E			X				X	X					
4DS9(1)	6EB2-M			X				X	X					
4DS9(1)	2G02	X												
4DS9(1)	4GS2			X				X						
4DS9(1)	2GS2	X		X				X						
4DS9(1)	2GS3			X				X						
4DS9(1)	2LB2	X						X						
4DS9(1)	2LA2	X						X						
4DS9(1)	2LC2	X						X						

(1) See Paragraph 7.3.3, following, for explanation.

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7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Service-(Continued)

MISSOURI
Public Service Commission

7.2.1 Analog Services-(Continued)

B. Voice Grade Services-(Continued)

14. Available Facility Interface (FI) Combinations-(Continued)

FI Combinations		Voice Grade Service (VG)												
IC	End User	1	2	3	4	5	6	7	8	9	10	11	12	13
4DS9(1)	2LO2	X												
4DS9(1)	2LO3		X					X						
4DS9(1)	4LR2		X											
4DS9(1)	2LR2		X											
4DS9(1)	4LS2		X	X				X						
4DS9(1)	2LS2	X	X	X				X	X					
4DS9(1)	2LS3		X	X				X						
4DS9(1)	4NO2	X	X			X	X	X		X				
4DS9(1)	2NO2	X	X			X		X						
4DS9(1)	4RV2-T			X				X						
4DS9(1)	2RV2-T			X				X						
4DX2	4DX2										X			

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(1) See Paragraph 7.3.3, following, for explanation.

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(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Channel Interface and Network Channel Codes-(Continued)

7.3.5 Compatible Channel Interfaces-(Continued)

D. Program Audio

Compatible CI's		Compatible CI's		Compatible CI's	
4AH5-B(2)	2PG1-3	4AH6-D(2)	2PG1-3	4DS9-15F(1)	2PG2-5
4AH5-B(2)	2PG1-5	4AH6-D(2)	2PG1-5	4DS9-15G(1)	2PG2-8
4AH5-B(2)	2PG1-8	4AH6-D(2)	2PG1-8	4DS9-15H(1)	2PG2-1
4AH5-B(2)	2PG2-3	4AH6-D(2)	2PG2-3	2PG2-1	2PG1-1
4AH5-B(2)	2PG2-5	4AH6-D(2)	2PG2-5	2PG2-1	2PG2-1
4AH5-B(2)	2PG2-8	4AH6-D(2)	2PG2-8	2PG2-3	2PG1-3
4AH6-C(2)	2PG1-3	4DS9-15E(1)	2PG1-3	2PG2-3	2PG2-3
4AH6-C(2)	2PG1-5	4DS9-15F(1)	2PG1-5	2PG2-5	2PG1-5
4AH6-C(2)	2PG1-8	4DS9-15G(1)	2PG1-8	2PG2-5	2PG2-5
4AH6-C(2)	2PG2-3	4DS9-15H(1)	2PG1-1	2PG2-8	2PG1-8
4AH6-C(2)	2PG2-5	4DS9-15E(1)	2PG2-3	2PG2-8	2PG2-8
4AH6-C(2)	2PG2-8			2PG1-1	2PG1-1
				2PG1-3	2PG1-3
				2PG1-5	2PG1-5
				2PG1-8	2PG1-8

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- (1) Available to customers selecting the multiplexed four-wire DSX-channel interface option and providing subsequent system and channel assignment data.
- (2) Available to customers selecting the multiplexed four-wire high capacity analog channel interface option and providing subsequent system and channel assignment data.

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ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Services-(Continued)

7.2.1 Analog Services-(Continued)

B. Voice Grade Services-(Continued)

14. Available Facility Interface (FI) Combinations-(Continued)

FI Combinations		Voice Grade Service (VG)												
IC	End User	1	2	3	4	5	6	7	8	9	10	11	12	13
4DX2	9DY2			X				X	X					
4DX2	6DY2			X				X	X					
4DX2	4DY2			X				X	X					
4DX2	9EA2			X				X	X					
4DX2	6EA2-E			X				X	X					
4DX2	6EA2-M			X				X	X	X				
4DX2	4EA2-E			X				X	X					
4DX2	4EA2-M			X				X	X					
4DX2	8EB2-E			X				X	X					
4DX2	8EB2-M			X				X	X	X				
4DX2	6EB2-E			X				X	X					
4DX2	6EB2-M			X				X	X					
4DX2	2LS2								X					
4DX2	4RV2-T			X				X						
4DX2	2RV2-T			X				X						

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2nd Revised Sheet 64
Replacing 1st Revised Sheet 64

(CP)ACCESS SERVICES

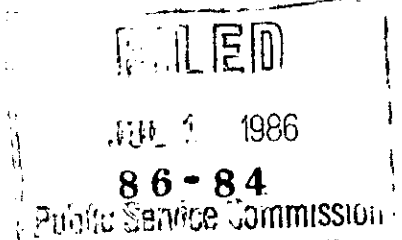
7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Channel Interface and Network Channel Codes-(Continued)

7.3.5 Compatible Channel Interfaces-(Continued)

E. Wideband Analog

<u>Compatible CI's</u>		<u>Compatible CI's</u>	
4AH5-B	4AH5-B	4WD5-3	4WA5-2
4AH6-C(1)	4AH5-B	4WA5-2	4WA5-2
4AH6-C	4AH6-C		
4AH6-D(1)	4AH5-B		
4AH6-D(1)	4AH6-C		



- (1) Available to customers selecting the multiplexed four-wire high capacity analog channel interface option and providing subsequent system and channel assignment data.

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

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7.2 Technical Service Descriptions for Special Access Service-(Continued)

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7.2.1 Analog Services-(Continued)

B. Voice Grade Services-(Continued)

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14. Available Facility Interface (FI) Combinations-(Continued)

FI Combinations		Voice Grade Service (VG)												
IC	End User	1	2	3	4	5	6	7	8	9	10	11	12	13
6EA2-E	4DX2									X				
6EA2-M	4DX2									X				
6EA2-E	9DY2			X				X	X					
6EA2-E	6DY2			X				X	X					
6EA2-E	4DY2			X				X	X					
6EA2-M	9DY2			X				X	X					
6EA2-M	6DY2			X				X	X					
6EA2-M	4DY2			X				X	X					
6EA2-E	9EA2			X				X	X					
6EA2-M	9EA2			X				X	X					
6EA2-E	6EA2-E			X				X	X					
6EA2-E	6EA2-M			X				X	X	X				
6EA2-M	6EA2-E			X				X	X					
6EA2-M	6EA2-M			X				X	X	X				
6EA2-E	4EA2-E			X				X	X					
6EA2-E	4EA2-M			X				X	X					
6EA2-M	4EA2-E			X				X	X					
6EA2-M	4EA2-M			X				X	X					

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Access Services Tariff
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ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Service-(Continued)

7.2.1 Analog Services-(Continued)

Public Service Commission

B. Voice Grade Services-(Continued)

14. Available Facility Interface (FI) Combinations-(Continued)

FI Combinations		Voice Grade Service (VG)												
IC	End User	1	2	3	4	5	6	7	8	9	10	11	12	13
6EA2-E	4DX2									X				
6EA2-M	4DX2									X				
6EA2-E	9DY2			X				X	X					
6EA2-E	6DY2			X				X	X					
6EA2-E	4DY2			X				X	X					
6EA2-M	9DY2			X				X	X					
6EA2-M	6DY2			X				X	X					
6EA2-M	4DY2			X				X	X					
6EA2-M	2DY2			X				X	X					
6EA2-E	2DY2			X				X	X					
6EA2-E	9EA2			X				X	X					
6EA2-M	9EA2			X				X	X					
6EA2-E	6EA2-E			X				X	X					
6EA2-E	6EA2-M			X				X	X	X				
6EA2-M	6EA2-E			X				X	X					
6EA2-M	6EA2-M			X				X	X	X				
6EA2-E	4EA2-E			X				X	X					
6EA2-E	4EA2-M			X				X	X					
6EA2-M	4EA2-E			X				X	X					
6EA2-M	4EA2-M			X				X	X					

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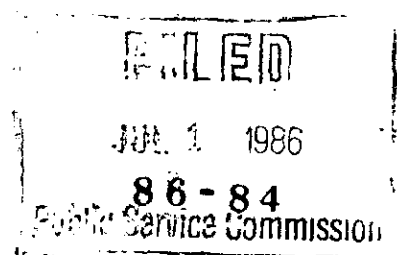
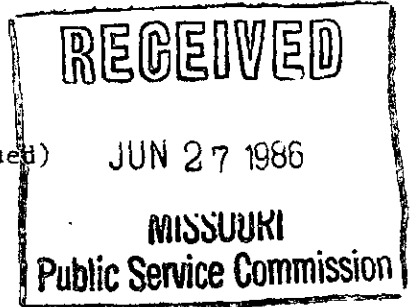
7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Channel Interface and Network Channel Codes-(Continued)

7.3.5 Compatible Channel Interfaces-(Continued)

F. Wideband Data

Compatible CI's		Compatible CI's		Compatible CI's	
8WB5-18S	12WC6-18	8WB5-23A	10WC6-23	8WB5-50A	10WC6-50
8WB5-19A	10WC6-19	8WB5-23S	12WC6-23S	8WB5-50S	12WC6-50
8WB5-19S	12WC6-19	8WB5-40S	12WC6-40		
10WC6-19	10WC6-19	12WC6-18	12WC6-18	12WC6-40	12WC6-40
10WC6-23	10WC6-23	12WC6-19	12WC6-19	12WC6-50	12WC6-50
10WC6-50	10WC6-50	12WC6-23S	12WC6-23S		



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1st Revised Sheet 65
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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Service-(Continued)

7.2.1 Analog Services-(Continued)

B. Voice Grade Services-(Continued)

14. Available Facility Interface (FI) Combinations-(Continued)

FI Combinations		Voice Grade Service (VG)												
IC	End User	1	2	3	4	5	6	7	8	9	10	11	12	13
6EA2-E	8EB 2-E			X				X	X					
6EA2-E	8EB 2-M			X				X	X	X				
6EA2-E	6EB 2-E			X				X	X					
6EA2-E	6EB 2-M			X				X	X					
6EA2-M	8EB 2-E			X				X	X					
6EA2-M	8EB 2-M			X				X	X	X				
6EA2-M	6EB 2-E			X				X	X					
6EA2-M	6EB 2-M			X				X	X					
(AT) 6EA2-E	2LS 2								X					
(AT) 6EA2-M	2LS 2								X					
6EA2-E	4RV2-T			X				X						
6EA2-M	4RV2-T			X				X						
6EA2-E	2RV2-T			X				X						
6EA2-M	2RV2-T			X				X						

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DEC 29 1983

7. SPECIAL ACCESS SERVICE-(Continued)

MISSOURI
Public Service Commission

7.2 Technical Service Descriptions for Special Access Service-(Continued)

7.2.1 Analog Services-(Continued)

B. Voice Grade Services-(Continued)

14. Available Facility Interface (FI) Combinations-(Continued)

FI Combinations		Voice Grade Service (VG)												
IC	End User	1	2	3	4	5	6	7	8	9	10	11	12	13
6EA2-E	8EB2-E			X				X	X					
6EA2-E	8EB2-M			X				X	X	X				
6EA2-E	6EB2-E			X				X	X					
6EA2-E	6EB2-M			X				X	X					
6EA2-M	8EB2-E			X				X	X					
6EA2-M	8EB2-M			X				X	X	X				
6EA2-M	6EB2-E			X				X	X					
6EA2-M	6EB2-M			X				X	X					
6EA2-E	4RV2-T			X				X						
6EA2-M	4RV2-T			X				X						
6EA2-E	2RV2-T			X				X						
6EA2-M	2RV2-T			X				X						

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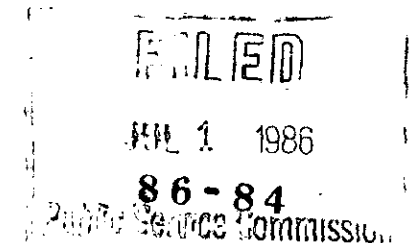
7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Channel Interface and Network Channel Codes-(Continued)

7.3.5 Compatible Channel Interfaces-(Continued)

G. Digital Data

<u>Compatible CI's</u>	<u>Compatible CI's</u>	<u>Compatible CI's</u>
4DS9-15(1) 4DU5-24	4DU5-24 4DU5-24	4DU5-96 4DU5-96
4DS9-15(1) 4DU5-48	4DU5-48 4DU5-48	
4DS9-15(1) 4DU5-56	4DU5-56 4DU5-56	
4DS9-15(1) 4DU5-96		



(1) Available to customers selecting the multiplexed four-wire DSX channel interface option and providing subsequent system and channel assignment data.

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Access Services Tariff
Section 7
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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

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7.2 Technical Service Descriptions for Special Access Service-(Continued)

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7.2.1 Analog Services-(Continued)

B. Voice Grade Services-(Continued)

MISSOURI
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14. Available Facility Interface (FI) Combinations-(Continued)

FC Combinations		Voice Grade Service (VG)												
IC	End User	1	2	3	4	5	6	7	8	9	10	11	12	13
8EB 2-E	4DX2									X				
8EB 2-M	4DX2									X				
8EB 2-E	9DY2			X				X	X					
8EB 2-E	6DY2			X				X	X					
8EB 2-E	4DY2			X				X	X					
8EB 2-M	9DY2			X				X	X					
8EB 2-M	6DY2			X				X	X					
8EB 2-M	4DY2			X				X	X					
8EB 2-E	9EA2			X				X	X					
8EB 2-M	9EA2			X				X	X					
8EB 2-E	6EA2-E			X				X	X					
8EB 2-E	6EA2-M			X				X	X	X				
8EB 2-M	6EA2-E			X				X	X					
8EB 2-M	6EA2-M			X				X	X	X				
8EB 2-E	4EA2-E			X				X	X					
8EB 2-E	4EA2-M			X				X	X					
8EB 2-M	4EA2-E			X				X	X					
8EB 2-M	4EA2-M			X				X	X					

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7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Service-(Continued)

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7.2.1 Analog Services-(Continued)

B. Voice Grade Services-(Continued)

14. Available Facility Interface (FI) Combinations-(Continued)

FC Combinations		Voice Grade Service (VG)												
IC	End User	1	2	3	4	5	6	7	8	9	10	11	12	13
8EB2-E	4DX2									X				
8EB2-M	4DX2									X				
8EB2-E	9DY2			X				X	X					
8EB2-E	6DY2			X				X	X					
8EB2-E	4DY2			X				X	X					
8EB2-M	9DY2			X				X	X					
8EB2-M	6DY2			X				X	X					
8EB2-M	4DY2			X				X	X					
8EB2-M	2DY2			X				X	X					
8EB2-E	9EA2			X				X	X					
8EB2-M	9EA2			X				X	X					
8EB2-E	6EA2-E			X				X	X					
8EB2-E	6EA2-M			X				X	X	X				
8EB2-M	6EA2-E			X				X	X					
8EB2-M	6EA2-M			X				X	X	X				
8EB2-E	4EA2-E			X				X	X					
8EB2-E	4EA2-M			X				X	X					
8EB2-M	4EA2-E			X				X	X					
8EB2-M	4EA2-M			X				X	X					

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Access Services Tariff
Section 7
2nd Revised Sheet 67

Replacing 1st Revised Sheet 67

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

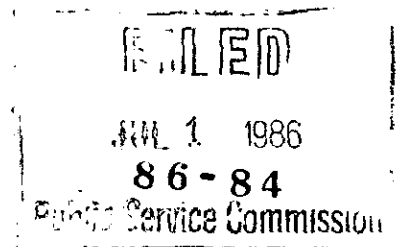
7.3 Channel Interface and Network Channel Codes-(Continued)

7.3.5 Compatible Channel Interfaces-(Continued)

H. High Capacity

Compatible CI's

4DS0-63	4DS0-63
4DS6-27	4DS6-27
4DS6-44	4DS6-44
4DS9-15	4DS9-15
4DU9-A	4DS9-15J
4DU9-A	4DU9-A
4DU9-B	4DS9-15
4DU9-B	4DU9-B
4DU9-C	4DS9-15K
4DU9-C	4DU9-C



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Section 7
1st Revised Sheet 67
Replacing Original Sheet 67

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Service-(Continued)

7.2.1 Analog Services-(Continued)

B. Voice Grade Services-(Continued)

14. Available Facility Interface (FI) Combinations-(Continued)

FI Combinations		Voice Grade Service (VG)												
IC	End User	1	2	3	4	5	6	7	8	9	10	11	12	13
8EB 2-E	8EB 2-E			X				X	X					
8EB 2-E	8EB 2-M			X				X	X	X				
8EB 2-M	8EB 2-E			X				X	X					
8EB 2-M	8EB 2-M			X				X	X	X				
(CT) 8EB 2-E	6EB 2-E			X				X						
8EB 2-E	6EB 2-M			X				X						
8EB 2-M	6EB 2-E			X				X						
8EB 2-M	6EB 2-M			X				X						
8EB 2-E	4RV2-T			X				X						
8EB 2-M	4RV2-T			X				X						
8EB 2-E	2RV2-T			X				X						
8EB 2-M	2RV2-T			X				X						
8EC2	9DY2			X				X	X					
8EC2	6DY2			X				X	X					
8EC2	4DY2			X				X	X					
8EC2	9EA2			X				X	X					
8EC2	6EA2-E			X				X	X					
8EC2	6EA2-M			X				X	X					
8EC2	4EA2-E			X				X	X					
8EC2	4EA2-M			X				X	X					
8EC2	8EB 2-E			X				X	X					
8EC2	8EB 2-M			X				X	X					

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Access Services Tariff
Section 7
Original Sheet 67

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Service-(Continued)

7.2.1 Analog Services-(Continued)

B. Voice Grade Services-(Continued)

14. Available Facility Interface (FI) Combinations-(Continued)

FI Combinations		Voice Grade Service (VG)												
IC	End User	1	2	3	4	5	6	7	8	9	10	11	12	13
8EB2-E	8EB2-E			X				X	X					
8EB2-E	8EB2-M			X				X	X	X				
8EB2-M	8EB2-E			X				X	X					
8EB2-M	8EB2-M			X				X	X	X				
6EB2-E	8EB2-E			X				X						
6EB2-E	8EB2-M			X				X						
6EB2-M	8EB2-E			X				X						
6EB2-M	8EB2-M			X				X						
8EB2-E	4RV2-T			X				X						
8EB2-M	4RV2-T			X				X						
8EB2-E	2RV2-T			X				X						
8EB2-M	2RV2-T			X				X						
8EC2	9DY2			X				X						
8EC2	6DY2			X				X						
8EC2	4DY2			X				X						
8EC2	2DY2			X				X						
8EC2	9EA2			X				X	X					
8EC2	6EA2-E			X				X	X					
8EC2	6EA2-M			X				X	X					
8EC2	4EA2-E			X				X	X					
8EC2	4EA2-M			X				X	X					
8EC2	8EB2-E			X				X	X					
8EC2	8EB2-M			X				X	X					

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Rate Regulations

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

7.3.1 Types of Rates and Charges

There are two types of rates and charges. These are monthly rates and nonrecurring charges. The rates and charges are described as follows:

A. Monthly Rates

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

B. Nonrecurring Charges

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

(AT)

1. Installation of Service

Nonrecurring charges apply to each service installed. The non-recurring charges for the installation of service are set forth in Paragraph 7.4, following, as a nonrecurring charge for the Channel Termination rate element and are applied per circuit on a first and additional basis for each service ordered. The initial circuit incurs the first nonrecurring charge for each channel termination associated with that circuit. Each subsequent circuit incurs the additional nonrecurring charge for each channel termination associated with that additional circuit.

In order to receive the benefit associated with ordering multiple circuits, the following criteria must be met:

- Same Access Service Order
- Same Application for Service Date
- Same Due Date
- Identical Services
- Same Billing Account Number (BAN)
- Same Originating and Terminating Customer Designated Premises

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Access Services Tariff
Section 7
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Replacing 3rd Revised Sheet 68

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Rate Regulations

MISSOURI**Public Service Commission**

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

7.3.1 Types of Rates and Charges

There are two types of rates and charges. These are monthly rates and nonrecurring charges. The rates and charges are described as follows:

A. Monthly Rates

Monthly rates are flat recurring rates that apply each month or fraction thereof that a Special Access Service is provided for billing purposes, each month is considered to have 30 days.

B. Nonrecurring Charges

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

1. Installation of Service

Nonrecurring charges apply to each service installed. The non-recurring charges for the installation of service are set forth in Paragraph 7.4, following, as a nonrecurring charge for the Channel Termination rate element and are applied per circuit on a first and additional basis for each service ordered. The initial circuit incurs the first nonrecurring charge for each channel termination associated with that circuit. Each subsequent circuit incurs the additional nonrecurring charge for each channel termination associated with that additional circuit.

In order to receive the benefit associated with ordering multiple circuits, the following criteria must be met:

- Same Access Service Order
- Same Application for Service Date
- Same Due Date
- Identical Services
- Same Billing Account Number (BAN)
- Same Originating and Terminating Customer Designated Premises

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Issued: **AUG 09 1991**

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Southwestern Bell Telephone Company
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SEP 30 1991

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Access Services Tariff
Section 7
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ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE--(Continued)

SEP 25 1989

(FCC) 7.3 Rate Regulations

MISSOURI

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

Public Service Commission

(FCC) 7.3.1 Types of Rates and Charges

There are two types of rates and charges. These are monthly rates and nonrecurring charges. The rates and charges are described as follows:

A. Monthly Rates

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

B. Nonrecurring Charges

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

1. Installation of Service

Nonrecurring charges apply to each service installed. The non-recurring charges for the installation of service are set forth in Paragraph 7.4, following, as a nonrecurring charge for the Channel Termination rate element.

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Public Service Commission
MISSOURI

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St. Louis, Missouri

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Access Services Tariff
Section 7

Replacing 1st Revised Sheet 68
2nd Revised Sheet 68

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rate Regulations

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

7.4.1 Types of Rates and Charges

There are two types of rates and charges. These are monthly rates and nonrecurring charges. The rates and charges are described as follows:

A. Monthly Rates

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

B. Nonrecurring Charges

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

1. Installation of Service

Nonrecurring charges apply to each service installed. The non-recurring charges for the installation of service are set forth in Paragraph 7.5, following, as a nonrecurring charge for the Channel Termination rate element.

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Public Service Commission
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Access Services Tariff
Section 7
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Replacing Original Sheet 68

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE--(Continued)

7.2 Technical Service Descriptions for Special Access Service--(Continued)

7.2.1 Analog Services--(Continued)

B. Voice Grade Services--(Continued)

14. Available Facility Interface (FI) Combinations--(Continued)

FI Combinations		Voice Grade Service (VG)												
IC	End User	1	2	3	4	5	6	7	8	9	10	11	12	13
8EC2	6EB2-E			X				X	X					
8EC2	6EB2-M			X				X	X					
(AT)	6EX2-A			X				X						
(RT)	6EX2-A			X				X						
	6EX2-A		X	X				X						
(AT)	6EX2-A			X				X						
	6EX2-B		X					X						
	6EX2-B		X					X						
	6EX2-B		X					X						
	6EX2-B		X											
	6EX2-B			X										
	6EX2-B		X					X						
(RT)	6EX2-A		X	X				X						
(RT)	6EX2-A		X	X	X			X						
	6EX2-A		X	X				X						

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OF MISSOURI

(AT) (1) This facility interface combination is applicable with Centrex C.O. Service only.

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7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Service-(Continued)

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7.2.1 Analog Services-(Continued)

B. Voice Grade Services-(Continued)

14. Available Facility Interface (FI) Combinations-(Continued)

FI Combinations		Voice Grade Service (VG)												
IC	End User	1	2	3	4	5	6	7	8	9	10	11	12	13
8EC2	6EB2-E			X				X	X					
8EC2	6EB2-M			X				X	X					
6EX2-A	4GS2	X		X				X						
6EX2-A	2GS2	X		X				X						
6EX2-B	2LA2			X				X						
6EX2-B	2LB2			X				X						
6EX2-B	2LC2			X				X						
6EX2-B	2LO2	X												
6EX2-B	2LO3			X				X						
6EX2-B	4LR2			X										
6EX2-B	2LR2			X										
6EX2-A	4LS2			X	X			X						
6EX2-A	2LS2	X	X	X				X						
6EX2-A	2LS3		X	X				X						

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Rate Regulations-(Continued)

7.3.1 Types of Rates and Charges-(Continued)

B. Nonrecurring Charges-(Continued)

(AT) 2. Installation of Optional Features, BSEs and Functions

(AT) Nonrecurring charges apply for the installation of some of the optional features, BSEs and functions available with Special Access Service. The charge applies whether the feature, BSE or function is installed coincident with the initial installation of service or at any time subsequent to the installation of service.

(AT) The optional features and BSEs for which nonrecurring charges apply are:

- Voice Grade Data Capability
- Voice Grade Improved Attenuation Distortion
- Voice Grade Improved Echo Control
- High Capacity Clear Channel Capability
- Wideband Data Transfer Arrangement
- MegaLink Data Loop Transfer Arrangement
- MegaLink Data Secondary Channel
- High Capacity Automatic Loop Transfer
- High Capacity Transfer Arrangement

3. Service Rearrangements

Service Rearrangements are changes to existing (installed) services which do not result in either a change in the minimum period requirements as set forth in Section 5, Paragraph 5.2.6 and 5.2.7, preceding, or a change in the physical location of the point of termination at a customer-designated premises. Changes which result in the establishment of new minimum period obligations are treated as disconnects and starts.

Changes in the physical location of the point of termination are treated as moves and are described and charged for as set forth in Paragraph 7.3.5, following.

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

Certain administrative changes will be made without charge(s) to the customer.

These administrative changes are as follows:

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Access Services Tariff
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ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Rate Regulations-(Continued)

7.3.1 Types of Rates and Charges-(Continued)

B. Nonrecurring Charges-(Continued)

2. Installation of Optional Features and Functions

Nonrecurring charges apply for the installation of some of the optional features and functions available with Special Access Service. The charge applies whether the feature or function is installed coincident with the initial installation of service or at any time subsequent to the installation of service.

The optional features for which nonrecurring charges apply are:

- Voice Grade Data Capability
- Voice Grade Improved Attenuation Distortion
- Voice Grade Improved Echo Control
- High Capacity Clear Channel Capability
- Wideband Data Transfer Arrangement
- MegaLink Data Loop Transfer Arrangement
- MegaLink Data Secondary Channel
- High Capacity Automatic Loop Transfer
- High Capacity Transfer Arrangement

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APR 11 1993

BY 6th R.S. #69

Public Service Commission
MISSOURI

3. Service Rearrangements

Service Rearrangements are changes to existing (installed) services which do not result in either a change in the minimum period requirements as set forth in Section 5, Paragraph 5.2.6 and 5.2.7, preceding, or a change in the physical location of the point of termination at a customer-designated premises. Changes which result in the establishment of new minimum period obligations are treated as disconnects and starts.

Changes in the physical location of the point of termination are treated as moves and are described and charged for as set forth in Paragraph 7.3.5, following.

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

Certain administrative changes will be made without charge(s) to the customer.

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These administrative changes are as follows:

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By R. D. BARRON, President-Missouri Division
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Access Services Tariff
Section 7
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7. SPECIAL ACCESS SERVICE-(Continued)

FEB 20 1990

7.3 Rate Regulations-(Continued)

7.3.1 Types of Rates and Charges-(Continued)

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B. Nonrecurring Charges-(Continued)

2. Installation of Optional Features and Functions

Nonrecurring charges apply for the installation of some of the optional features and functions available with Special Access Service. The charge applies whether the feature or function is installed coincident with the initial installation of service or at any time subsequent to the installation of service.

The optional features for which nonrecurring charges apply are:

- Voice Grade Data Capability
- High Capacity Clear Channel Capability
- Wideband Data Transfer Arrangement

(AT)

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3. Service Rearrangements

Service Rearrangements are changes to existing (installed) services which do not result in either a change in the minimum period requirements as set forth in Sections 5.2.5 and 5.2.6 preceding, or a change in the physical location of the point of termination at a customer-designated premises. Changes which result in the establishment of new minimum period obligations are treated as disconnects and starts.

Changes in the physical location of the point of termination are treated as moves and are described and charged for as set forth in 7.3.5 following.

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

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

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St. Louis, Missouri

MAR 26 1990

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE--(Continued)

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(FC) 7.3 Rate Regulations--(Continued)

(FC) 7.3.1 Types of Rates and Charges--(Continued)

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B. Nonrecurring Charges--(Continued)

2. Installation of Optional Features and Functions

Nonrecurring charges apply for the installation of some of the optional features and functions available with Special Access Service. The charge applies whether the feature or function is installed coincident with the initial installation of service or at any time subsequent to the installation of service.

The optional features for which nonrecurring charges apply are:

- Voice Grade Data Capability

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MAR 26 1990

- Wideband Data Transfer Arrangement

BY 4th R.S. #69

Public Service Commission
MISSOURI

3. Service Rearrangements

Service Rearrangements are changes to existing (installed) services which do not result in either a change in the minimum period requirements as set forth in Sections 5.2.5 and 5.2.6 preceding, or a change in the physical location of the point of termination at a customer-designated premises. Changes which result in the establishment of new minimum period obligations are treated as disconnects and starts.

Changes in the physical location of the point of termination are treated as moves and are described and charged for as set forth in 7.3.5 following.

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

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

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89-14

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Effective: OCT 1 1989
Public Service Commission

By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

No supplement to this tariff will be issued except for the purpose of canceling this tariff.

Access Services Tariff

Section 7

2nd Revised Sheet 69

Replacing 1st Revised Sheet 69

(CP)ACCESS SERVICES

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JUN 27 1986

MISSOURI
Public Service Commission

7. SPECIAL ACCESS SERVICE--(Continued)

7.4 Rate Regulations--(Continued)

7.4.1 Types of Rates and Charges--(Continued)

B. Nonrecurring Charges--(Continued)

2. Installation of Optional Features and Functions

Nonrecurring charges apply for the installation of some of the optional features and functions available with Special Access Service. The charge applies whether the feature or function is installed coincident with the initial installation of service or at any time subsequent to the installation of service.

The optional features for which nonrecurring charges apply are:

- Voice Grade Data Capability
- Program Audio Gain Conditioning
- Program Audio Stereo
- Wideband Data Transfer Arrangement

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OCT 1 1989

BY 325 RS #69Public Service Commission
MISSOURI

3. Service Rearrangements

Service Rearrangements are changes to existing (installed) services which do not result in either a change in the minimum period requirements as set forth in Section 5.2.5 and 5.2.6 preceding or a change in the physical location of the point of termination at a customer-designated premises. Changes which result in the establishment of new minimum period obligations are treated as disconnects and starts.

Changes in the physical location of the point of termination are treated as moves and are described and charged for as set forth in 7.4.5 following.

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

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

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By R. D. BARRON, President-Missouri Division
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Access Services Tariff
Section 7
1st Revised Sheet 69
Replacing Original Sheet 69

(AT)

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Service-(Continued)

7.2.1 Analog Services-(Continued)

B. Voice Grade Services-(Continued)

14. Available Facility Interface (FI) Combinations-(Continued)

	FI Combinations		Voice Grade Service (VG)												
	IC	End User	1	2	3	4	5	6	7	8	9	10	11	12	13
(AT)	4G02	6GS2(1)			X				X						
	4G02	4GS2			X				X						
	4G02	2GS2	X		X				X						
	4G02	2GS3			X				X						
	2G02	2GS2	X												
(AT)	2G03	2GS3	X												
	2GS3	2GS2	X												
	4GS2	2G02	X												
	2GS2	2G02	X												
	2GS3	2G02	X												
	4L02	4LS2		X	X				X						
	4L02	2LS2	X	X	X				X						
	4L02	2LS3		X	X				X						
	2L03	2LS2	X												
(MT)	2L02	2LS2	X												
	4LR2	4LR2		X											
	4LR2	2LR2		X											
(RT)	4LS2	2LA2		X					X						
	4LS2	2LB2													
	4LS2	2LC2	X						X						

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JUL 1 1986

BY *J. R. S. 69*

PUBLIC SERVICE COMMISSION

(AT) (1) This facility interface combination is applicable with Centrex C.O. Service only.

Issued: AUG 15 1984

Effective: OCT 15 1984

By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

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Access Services Tariff
Section 7
Original Sheet 69

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7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Service-(Continued)

7.2.1 Analog Services-(Continued)

B. Voice Grade Services-(Continued)

MISSOURI
Public Service Commission

14. Available Facility Interface (FI) Combinations-(Continued)

FI Combinations		Voice Grade Service (VG)												
IC	End User	1	2	3	4	5	6	7	8	9	10	11	12	13
4G02	4GS2			X				X						
4G02	2GS2	X		X				X						
4G02	2GS3			X				X						
2G02	2GS2	X												
2GS3	2GS2	X												
4GS2	2G02	X												
2GS2	2G02	X												
2GS3	2G02	X												
4L02	4LS2		X	X				X						
4L02	2LS2	X	X	X				X						
4L02	2LS3		X	X				X						
2L03	2LS2	X												
2L02	2LS2	X												
4LR2	4LR2		X											
4LR2	2LR2		X											
2LR2	2LR2		X											
4LS2	2LA2		X					X						
4LS2	2LB2		X					X						
4LS2	2LC2		X					X						

CANCELLED

OCT 15 1984
BY 1st RS 69
PUBLIC SERVICE COMMISSION
OF MISSOURI

FILED

JAN - 1 1984
88-253

Issued: DEC 29 1983

Effective: JAN 0 1 1984

By R. D. BARRON, Vice President-Missouri
Southwestern Bell Telephone Company
St. Louis, Missouri

No Supplement to this
tariff will be issued
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of canceling this tariff.

Access Services Tariff
Section 7
3rd Revised Sheet 69.01
Replacing 2nd Revised Sheet 69.01

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Rate Regulations-(Continued)

7.3.1 Types of Rates and Charges-(Continued)

B. Nonrecurring Charges-(Continued)

3. Service Rearrangements-(Continued)

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

- Change of customer test line number,
- Change of customer or customer's end user contact name or telephone number, and
- Change of jurisdiction.

Administrative changes for which nonrecurring charges will apply are set forth as follows:

A change in the customer record (i.e., existing access service is provided and billed to a different entity) is considered an administrative service rearrangement when the new customer assumes liability for all current and prior charges for the service(s) and has complied with the regulations and conditions as set forth in Section 2, Paragraph 2.2.1, preceding, for the assignment and transfer of facilities, and no physical relocation or rearrangement of the service is required.

A nonrecurring charge will apply per circuit on a first and additional basis for the following change or combination of changes requested by the customer on the same Access Order and will be charged as set forth in Paragraph 7.4.10.

- Change of Access Carrier Name abbreviation (ACNA),
- Change of Billing Account Number (BAN) (e.g., a customer requests to aggregate all voice grade circuits on BAN),
- Change of customer Circuit Identification (CKR).

Issued: August 9, 1991

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By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

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MO PSC

CANCELLED - Missouri Public Service Commission - 02/16/2003 - IN-2003-0247

(CT)

(RT)

(RT)

(AT)

(AT)

(MT)

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Access Services Tariff
Section 7
2nd Revised Sheet 69.01
Replacing 1st Revised Sheet 69.01

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE--(Continued)

7.3 Rate Regulations--(Continued)

7.3.1 Types of Rates and Charges--(Continued)

B. Nonrecurring Charges--(Continued)

3. Service Rearrangements--(Continued)

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

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MAY 29 1991

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Public Service Commission

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SEP 29 1991
BY 3rd R.S. #69.01

Public Service Commission
MISSOURI

All other service rearrangements will be charged for as follows:

- If the change involves the addition of other customer-designated premises to an existing multipoint service, the nonrecurring charge for the channel termination rate element will apply. The charge(s) will apply only for the location(s) that is being added.
- If the change involves the addition of an optional feature or function which has a separate nonrecurring charge, that nonrecurring charge will apply.
- If the change involves changing the type of signaling on a Voice Grade service, a charge equal to the Voice Grade channel termination rate element nonrecurring charge will apply. The charge will apply per service termination affected.
- For all other changes, including the addition of an optional feature or function without a separate nonrecurring charge or the retermination of Special Access circuits in a Network Reconfiguration Service Hub, a charge equal to a channel termination rate element nonrecurring charge will apply. Only one such charge will apply per service, per change.

(AT)
(AT)

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By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

AUG 5 1991

Public Service Commission

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Access Services Tariff
Section 7
1st Revised Sheet 69.01
Replacing Original Sheet 69.01

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE--(Continued)

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(F) 7.3 Rate Regulations--(Continued)

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SEP 25 1989

(F) 7.3.1 Types of Rates and Charges--(Continued)

AUG 2 1991

MISSOURI

B. Nonrecurring Charges--(Continued) BY 2nd RS. 69.01
Public Service Commission
MISSOURI

3. Service Rearrangements--(Continued)

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

All other service rearrangements will be charged for as follows:

- If the change involves the addition of other customer-designated premises to an existing multipoint service, the nonrecurring charge for the channel termination rate element will apply. The charge(s) will apply only for the location(s) that is being added.
- If the change involves the addition of an optional feature or function which has a separate nonrecurring charge, that nonrecurring charge will apply.
- If the change involves changing the type of signaling on a Voice Grade service, a charge equal to the Voice Grade channel termination rate element nonrecurring charge will apply. The charge will apply per service termination affected.
- For all other changes, including the addition of an optional feature or function without a separate nonrecurring charge, a charge equal to a channel termination rate element nonrecurring charge will apply. Only one such charge will apply per service, per change.

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Issued: SEP 25 1989

Effective:

OCT 1 1989
OCT 18 1989 14

Public Service Commission

By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

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Access Services Tariff
Section 7
Original Sheet 69.01

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rate Regulations-(Continued)

7.4.1 Types of Rates and Charges-(Continued)

B. Nonrecurring Charges-(Continued)

3. Service Rearrangements-(Continued)

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

CANCELLED

OCT 1 1989
BY 124 RS #69.01
Public Service Commission
MISSOURI

All other service rearrangements will be charged for as follows:

- If the change involves the addition of other customer-designated premises to an existing multipoint service, the nonrecurring charge for the channel termination rate element will apply. The charge(s) will apply only for the location(s) that is being added.
- If the change involves the addition of an optional feature or function which has a separate nonrecurring charge, that nonrecurring charge will apply.
- If the change involves changing the type of signaling on a Voice Grade service, a charge equal to the Voice Grade channel termination rate element nonrecurring charge will apply. The charge will apply per service termination affected.
- For all other changes, including the addition of an optional feature or function without a separate nonrecurring charge, a charge equal to a channel termination rate element nonrecurring charge will apply. Only one such charge will apply per service, per change.

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JUL 1 1986

86-84

Public Service Commission
JUL 1 1986

Issued: JUN 27 1986

Effective:

By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

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tariff will be issued
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of canceling this tariff.

Access Services Tariff
Section 7
3rd Revised Sheet 69.02
Replacing 2nd Revised Sheet 69.02

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE

7.3 Rate Regulations (cont'd)

7.3.1 Types of Rates and Charges (cont'd)

B. Nonrecurring Charges (cont'd)

3. Service Rearrangements (cont'd)

Each leg of a multipoint service will be treated as a separate circuit and nonrecurring charges will apply per leg on a first and additional basis. If a change(s) for more than one multipoint service is requested on the same access order, one first nonrecurring charge will apply to a leg of the first multipoint service. One additional nonrecurring charge will apply to each of the remaining legs of all multipoint services on the same access order.

The customer requesting administrative service rearrangements will be responsible for all billing associated with the changes requested.

When a change of customer name and change in billing data (name, address, contact name, or telephone number) are requested in association with a change in the customer of record, the access order charge will apply as set forth in Section 5, Paragraph 5.2.2.

All other service rearrangements will be charged for as follows:

- If the change involves the addition of other customer-designated premises to an existing multipoint service, the nonrecurring charge for the channel termination rate element will apply. The charge(s) will apply only for the location(s) that is being added.
- If the change involves the addition of an optional feature, BSE or function which has a separate nonrecurring charge, that nonrecurring charge will apply.
- If the change involves changing the type of signaling on a Voice Grade service, a charge equal to the Voice Grade channel termination rate element nonrecurring charge will apply. The charge will apply per service termination affected.
- For all other changes, including the addition of an optional feature, BSE or function without a separate nonrecurring charge, or the retermination of Special Access circuits in a Network Reconfiguration Service Hub or a charge equal to a channel termination rate element, a nonrecurring charge will apply. Only one such charge will apply per service, per change.

(CT)(RT)

Issued: January 3, 2003

Effective: February 2, 2003

By CINDY BRINKLEY, President-Missouri
Southwestern Bell Telephone, L.P., d/b/a SBC Missouri
St. Louis, Missouri

Filed
MO PSC

No supplement to this
tariff will be issued
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of canceling this tariff.

Access Services Tariff
Section 7
2nd Revised Sheet 69.02
Replacing 1st Revised Sheet 69.02

ACCESS SERVICES

RECEIVED**AUG 26 1994****MO. PUBLIC SERVICE COMM.**

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Rate Regulations-(Continued)

7.3.1 Types of Rates and Charges-(Continued)

B. Nonrecurring Charges-(Continued)

3. Service Rearrangements-(Continued)

Each leg of a multipoint service will be treated as a separate circuit and nonrecurring charges will apply per leg on a first and additional basis. If a change(s) for more than one multipoint service is requested on the same access order, one first nonrecurring charge will apply to a leg of the first multipoint service. One additional nonrecurring charge will apply to each of the remaining legs of all multipoint services on the same access order.

The customer requesting administrative service rearrangements will be responsible for all billing associated with the changes requested.

When a change of customer name and change in billing data (name, address, contact name, or telephone number) are requested in association with a change in the customer of record, the access order charge will apply as set forth in Section 5, Paragraph 5.2.2.

All other service rearrangements will be charged for as follows:

- If the change involves the addition of other customer-designated premises to an existing multipoint service, the nonrecurring charge for the channel termination rate element will apply. The charge(s) will apply only for the location(s) that is being added.
- If the change involves the addition of an optional feature, BSE or function which has a separate nonrecurring charge, that nonrecurring charge will apply.
- If the change involves changing the type of signaling on a Voice Grade service, a charge equal to the Voice Grade channel termination rate element nonrecurring charge will apply. The charge will apply per service termination affected.
- For all other changes, including the addition of an optional feature, BSE or function without a separate nonrecurring charge, or the retermination of Special Access circuits in a Network Reconfiguration Service Hub or Transport Resource Management Service, a charge equal to a channel termination rate element nonrecurring charge will apply. Only one such charge will apply per service, per change.

FILED**SEP 26 1994**Issued: **AUG 26 1994**Effective: **SEP 26 1994**

By M. H. SCHULTEIS, Executive Director-External Affairs
Southwestern Bell Telephone
St. Louis, Missouri

MISSOURI
Public Service Commission

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FEB 02 2003
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Public Service Commission
MISSOURI

(AT)

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Access Services Tariff
Section 7
1st Revised Sheet 69.02
Replacing Original Sheet 69.02

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE--(Continued)

7.3 Rate Regulations--(Continued)

7.3.1 Types of Rates and Charges--(Continued)

B. Nonrecurring Charges--(Continued)

3. Service Rearrangements--(Continued)

Each leg of a multipoint service will be treated as a separate circuit and nonrecurring charges will apply per leg on a first and additional basis. If a change(s) for more than one multipoint service is requested on the same access order, one first nonrecurring charge will apply to a leg of the first multipoint service. One additional nonrecurring charge will apply to each of the remaining legs of all multipoint services on the same access order.

The customer requesting administrative service rearrangements will be responsible for all billing associated with the changes requested.

When a change of customer name and change in billing data (name, address, contact name, or telephone number) are requested in association with a change in the customer of record, the access order charge will apply as set forth in Section 5, Paragraph 5.2.2.

All other service rearrangements will be charged for as follows:

- If the change involves the addition of other customer premises to an existing multipoint service, the nonrecurring charge for the channel termination rate element will apply. The charge(s) will apply only for the location(s) that is being added.
- If the change involves the addition of an optional feature, BSE or function which has a separate nonrecurring charge, that nonrecurring charge will apply.
- If the change involves changing the type of signaling on a Voice Grade service, a charge equal to the Voice Grade channel termination rate element nonrecurring charge will apply. The charge will apply per service termination affected.
- For all other changes, including the addition of an optional feature, BSE or function without a separate nonrecurring charge, or the retermination of Special Access circuits in a Network Reconfiguration Service Hub, a charge equal to a channel termination rate element nonrecurring charge will apply. Only one such charge will apply per service, per change.

Issued: MAR 26 1993

Effective:

By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

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MAR 29 1993

MISSOURI
Public Service Commission

CANCELLED

SEP 26 1994

BY 2nd R.S. #69.02
Public Service Commission
MISSOURI

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APR 11 1993

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92-304
MO. PUBLIC SERVICE COMM.

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Access Services Tariff
Section 7
Original Sheet 69.02

ACCESS SERVICES

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AUG 9 1991

7. SPECIAL ACCESS SERVICE--(Continued)

7.3 Rate Regulations--(Continued)

7.3.1 Types of Rates and Charges--(Continued)

B. Nonrecurring Charges--(Continued)

3. Service Rearrangements--(Continued)

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APR 11 1993

BY *let R S #6902*Public Service Commission
MISSOURIMISSOURI
Public Service Commission

(AT)

Each leg of a multipoint service will be treated as a separate circuit and nonrecurring charges will apply per leg on a first and additional basis. If a change(s) for more than one multipoint service is requested on the same access order, one first nonrecurring charge will apply to a leg of the first multipoint service. One additional nonrecurring charge will apply to each of the remaining legs of all multipoint services on the same access order.

The customer requesting administrative service rearrangements will be responsible for all billing associated with the changes requested.

When a change of customer name and change in billing data (name, address, contact name, or telephone number) are requested in association with a change in the customer of record, the access order charge will apply as set forth in Section 5, Paragraph 5.2.2.

(AT)

(MT)

All other service rearrangements will be charged for as follows:

- If the change involves the addition of other customer-designated premises to an existing multipoint service, the nonrecurring charge for the channel termination rate element will apply. The charge(s) will apply only for the location(s) that is being added.
- If the change involves the addition of an optional feature or function which has a separate nonrecurring charge, that nonrecurring charge will apply.
- If the change involves changing the type of signaling on a Voice Grade service, a charge equal to the Voice Grade channel termination rate element nonrecurring charge will apply. The charge will apply per service termination affected.
- For all other changes, including the addition of an optional feature or function without a separate nonrecurring charge, or the retermination of Special Access circuits in a Network Reconfiguration Service Hub, a charge equal to a channel termination rate element nonrecurring charge will apply. Only one such charge will apply per service, per change.

(MT)

FILED

SEP 30 1991

Issued: **AUG 09 1991**Effective: **SEP 09 1991** Public Service Commission

By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

SEP 30 1991

No Supplement to this
tariff will be issued
except for the purpose
of canceling this tariff.

Access Services Tariff
Section 7
4th Revised Sheet 70
Replacing 3rd Revised Sheet 70

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Rate Regulations-(Continued)

7.3.2 Surcharge for Special Access Service

A. General Description

The Special Access Surcharge applies to all jurisdictionally intrastate special access facilities ordered from the Special Access section of the Access Service Tariff unless exempted as specified in Paragraph B., following.

All such facilities terminated at an end user's PBX or other device that connect the special access facility with local exchange lines or trunks, irrespective of whether the interconnection capability exists in the customer's premises equipment or in a Centrex CO type switch, are subject to the surcharge.

(CP) B. Exemption Certification

- (AT)
1. The special access facility will be exempted from the monthly surcharge if the customer provides the Telephone Company written certification or an Access Service Request (ASR) indicating that the intrastate special access facility termination is one of the following:
 - a. an open-end termination in a Telephone Company switch of an FX line, including CCSA and CCSA-equivalent ONALs; or
 - b. an analog channel termination that is used for radio program transmission; or
 - c. a termination used for TELEX service; or
 - d. a termination that by the nature of its operating characteristics could not make use of Telephone Company common lines; or
 - e. a termination that interconnects either directly or indirectly to the local exchange network where the usage is subject to Carrier Common Line charges such as, where the special access facility access only FGA and no local exchange lines, or special access facility between customer points of termination, or special access facility connecting CCSA or CCSA-type equipment (inter-machine trunks); or
 - f. a termination that the customer certifies to the Telephone Company is not connected to a PBX or other device capable of interconnecting the special access facility to a local exchange subscriber line, or the PBX or other device has been rendered incapable of interconnection by software or hardware changes.

Issued: February 15, 1991

Effective: March 18, 1991

By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

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MO PSC

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Access Services Tariff
Section 7
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Replacing 2nd Revised Sheet 70

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE--(Continued)

(FC) 7.3 Rate Regulations--(Continued)

(FC) 7.3.2 Surcharge for Special Access Service

A. General Description

The Special Access Surcharge applies to all jurisdictionally intrastate special access facilities ordered from the Special Access section of the Access Service Tariff unless exempted as specified in Paragraph B., following.

All such facilities terminated at an end user's PBX or other device that connect the special access facility with local exchange lines or trunks, irrespective of whether the interconnection capability exists in the customer's premises equipment or in a Centrex CO type switch, are subject to the surcharge.

B. Exemption Certification

1. The special access facility will be exempted from the monthly surcharge if the customer provides the Telephone Company written certification that the intrastate special access facility termination is one of the following:

- a. an open-end termination in a Telephone Company switch of an FX line, including CCSA and CCSA-equivalent ONALs; or
- b. an analog channel termination that is used for radio program transmission; or
- c. a termination used for TELEX service; or
- d. a termination that by the nature of its operating characteristics could not make use of Telephone Company common lines; or
- e. a termination that interconnects either directly or indirectly to the local exchange network where the usage is subject to Carrier Common Line charges such as, where the special access facility access only FGA and no local exchange lines, or special access facility between customer points of termination, or special access facility connecting CCSA or CCSA-type equipment (inter-machine trunks); or
- f. a termination that the customer certifies to the Telephone Company is not connected to a PBX or other device capable of interconnecting the special access facility to a local exchange subscriber line, or the PBX or other device has been rendered incapable of interconnection by software or hardware changes.

FILED

Issued: SEP 25 1989

Effective: OCT 1 1989
Public Service Commissioner

By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

CANCELLED RECEIVED
MAR 18 1991 SEP 25 1989
BY 4225 # 70
Public Service Commissioner
MISSOURI

OCT 1 1989
89-14

No supplement to this tariff will be issued except for the purpose of canceling this tariff.

Access Services Tariff
Section 7
2nd Revised Sheet 70
Replacing 1st Revised Sheet 70

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rate Regulations-(Continued)

7.4.2 Surcharge for Special Access Service

A. General Description

The Special Access Surcharge applies to all jurisdictionally intrastate special access facilities ordered from the Special Access section of the Access Service Tariff unless exempted as specified in Paragraph B., following.

All such facilities terminated at an end user's PBX or other device that connect the special access facility with local exchange lines or trunks, irrespective of whether the interconnection capability exists in the customer's premises equipment or in a Centrex CO type switch, are subject to the surcharge.

B. Exemption Certification

1. The special access facility will be exempted from the monthly surcharge if the customer provides the Telephone Company written certification that the intrastate special access facility termination is one of the following:
 - a. an open-end termination in a Telephone Company switch of an FX line, including CCSA and CCSA-equivalent ONALs; or
 - b. an analog channel termination that is used for radio program transmission; or
 - c. a termination used for TELEX service; or
 - d. a termination that by the nature of its operating characteristics could not make use of Telephone Company common lines; or
 - e. a termination that interconnects either directly or indirectly to the local exchange network where the usage is subject to Carrier Common Line charges such as, where the special access facility access only FGA and no local exchange lines, or special access facility between customer points of termination, or special access facility connecting CCSA or CCSA-type equipment (inter-machine trunks); or
 - f. a termination that the customer certifies to the Telephone Company is not connected to a PBX or other device capable of interconnecting the special access facility to a local exchange subscriber line, or the PBX or other device has been rendered incapable of interconnection by software or hardware changes.

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BY 303 RS #70
Public Service Commission
MISSOURI

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JUN 27 1986

MISSOURI
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Issued: JUN 27 1986

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By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

86-84
Public Service Commission

No supplement to this
tariff will be issued
except for the purpose
of canceling this tariff.

Access Services Tariff
Section 7
1st Revised Sheet 70
Replacing Original Sheet 70

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

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7.2 Technical Service Descriptions for Special Access Service-(Continued)

AUG 1 1984

7.2.1 Analog Services-(Continued)

B. Voice Grade Services-(Continued)

MISSOURI
Public Service Commission

14. Available Facility Interface (FI) Combinations-(Continued)

FI Combinations		Voice Grade Service (VG)												
IC	End User	1	2	3	4	5	6	7	8	9	10	11	12	13
4LS2	2LO2	X												
4LS2	2LO3		X					X						
2LS2	2LO2	X												
2LS3	2LO2	X												
4N02	6DA2						X				X			
(AT) 4N02	4DA2					X	X				X			
(CT) 4N02	2DA2					X								
(AT) 2N02	2DA2					X								
4N02	4N02	X	X		X	X	X			X				
4N02	2N02	X	X		X		X							
2N02	2N02	X			X									
(RT) 2N03	2N02	X												
4RV2-0	4RV2-T			X				X						
(RT) 4RV2-0	2RV2-T			X				X						
4SF2	4AC2	X												
4SF2	2AC2	X												

CANCELLED

JUL 1 1986

BY R.S.70
PUBLIC SERVICE COMMISSION
OF MISSOURI

FILED

OCT 15 1984

Issued: AUG 15 1984

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By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

Public Service Commission

No supplement to this tariff will be issued except for the purpose of canceling this tariff.

ACCESS SERVICES

DEC 29 1983

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Service-(Continued)

MISSOURI
Public Service Commission

7.2.1 Analog Services-(Continued)

B. Voice Grade Services-(Continued)

14. Available Facility Interface (FI) Combinations-(Continued)

FI Combinations		Voice Grade Service (VG)												
IC	End User	1	2	3	4	5	6	7	8	9	10	11	12	13
4LS2	2LO2	X												
4LS2	2LO3		X					X						
2LS2	2LO2	X												
2LS3	2LO2	X												
4N02	6DA2						X				X			
4N02	4DA2						X				X			
4N02	2DA2						X							
4N02	4N02	X	X			X	X	X		X				
4N02	2N02	X	X			X		X						
2N02	2N02	X				X								
2N03	2N02	X				X								
4RV2-0	4RV2-T			X				X						
4RV2-0	2RV2-T			X				X						
2RV2-0	2RV2-T			X				X						
4SF2	4AC2	X												
4SF2	2AC2	X												

CANCELLED

OCT 15 1984
BY 1st RS 70
PUBLIC SERVICE COMMISSION
OF MISSOURI

FILED

JAN - 1 1984

83 - 253

Issued: DEC 29 1983

Effective: JAN 01 1984

By R. D. BARRON, Vice President-Missouri
Southwestern Bell Telephone Company
St. Louis, Missouri

No Supplement to this
tariff will be issued
except for the purpose
of canceling this tariff.

Access Services Tariff
Section 7
2nd Revised Sheet 70.01
Replacing 1st Revised Sheet 70.01

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Rate Regulations-(Continued)

7.3.2 Surcharge for Special Access Service-(Continued)

(CP) B. Exemption Certification-(Continued)

(AT) 2. Exemption certification shall be in the form of an ASR or written notification to the Telephone Company. Such notification shall be provided by the customer (1) when ordered or installed or (2) at such time as the facility is reterminated to a device not capable of interconnecting to the local exchange network, or (3) at such time as the special access facility becomes associated with a Switched Access Service that is subject to Carrier Common Line charges.

(RT) If certification is not received at the time the special access facility is obtained, the surcharge will be applied. Exempt status will become effective on the certification date indicated by the customer, subject to the regulations in Paragraph C., following.

(AT) The exemption certification is to be provided by the customer ordering the service. If written, the certification must be signed by the customer or authorized representative. The ASR or written certification must include the category of exemption, as set forth in Paragraph B., preceding, for each termination and the date which the exemption is effective.

The customer shall also notify the Telephone Company when an exempted Special Access Service is changed or reterminated such that the exemption is no longer applicable.

Issued: February 15, 1991

Effective: March 18, 1991

By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

FILED
MO PSC

CANCELLED - Missouri Public Service Commission - 02/16/2003 - IN-2003-0247

No supplement to this tariff will be issued except for the purpose of canceling this tariff.

Access Services Tariff
Section 7
1st Revised Sheet 70.01
Replacing Original Sheet 70.01

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

SEP 25 1989

(FC) 7.3 Rate Regulations-(Continued)

MISSOURI

(FC) 7.3.2 Surcharge for Special Access Service-(Continued)Public Service Commission

B. Exemption Certification-(Continued)

2. Exemption certification shall be in the form of a written notification to the Telephone Company. Such notification shall be provided by the customer (1) when ordered or installed or (2) at such time as the facility is reterminated to a device not capable of interconnecting to the local exchange network, or (3) at such time as the special access facility becomes associated with a Switched Access Service that is subject to Carrier Common Line charges.

(C) If written certification is not received at the time the special access facility is obtained, the surcharge will be applied. Exempt status will become effective on the certification date indicated by the customer, subject to the regulations in Paragraph C following.

The exemption certification is to be provided by the customer ordering the service. The certification must be signed by the customer or authorized representative and include the category of exemption, as set forth in Paragraph B preceding, for each termination, and the date which the exemption is effective.

The customer shall also notify the Telephone Company when an exempted Special Access Service is changed or reterminated such that the exemption is no longer applicable.

CANCELLED
MAR 18 1991
BY 2nd R.S. #70.01
Public Service Commission
MISSOURI

FILED

Issued: SEP 25 1989

Effective: OCT 1 1989
OCT 18 1989

By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

Public Service Commission

No supplement to this tariff will be issued except for the purpose of canceling this tariff.

Access Services Tariff
Section 7
Original Sheet 70.01

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rate Regulations-(Continued)

7.4.2 Surcharge for Special Access Service-(Continued)

B. Exemption Certification-(Continued)

2. Exemption certification shall be in the form of a written notification to the Telephone Company. Such notification shall be provided by the customer (1) when ordered or installed or (2) at such time as the facility is reterminated to a device not capable of interconnecting to the local exchange network, or (3) at such time as the special access facility becomes associated with a Switched Access Service that is subject to Carrier Common Line charges.

If written certification is not received at the time the special access facility is obtained, the surcharge will be applied. Exempt status will become effective on the certification date indicated by the customer, subject to the regulations in Paragraph C following.

The exemption certification is to be provided by the customer ordering the service. The certification must be signed by the customer or authorized representative and include the category of exemption, as set forth in Paragraph B preceding, for each termination, and the date which the exemption is effective.

The customer shall also notify the Telephone Company when an exempted Special Access Service is changed or reterminated such that the exemption is no longer applicable.

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MISSOURI

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Public Service Commission

Issued: JUN 27 1986

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By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

No Supplement to this tariff will be issued except for the purpose of canceling this tariff.

Access Services Tariff
Section 7
1st Revised Sheet 70.02
Replacing Original Sheet 70.02

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

(FC) .3 Rate Regulations-(Continued)

(FC) 7.3.2 Surcharge for Special Access Service-(Continued)

C. Crediting the Surcharge

The Telephone Company will cease billing the Special Access Surcharge when certification that the special access facility has become exempt from the surcharge, as set forth in Paragraph B., preceding, is received. If the status of the special access facility was changed prior to receipt of the exemption certification, the Telephone Company will credit the customer's account, not to exceed ninety (90) days, based on the effective date of the change specified by the customer in the letter of certification.

D. Rate Regulations

The monthly Special Access Surcharge applies to special access facilities arranged, as set forth in A preceding, on a per voice equivalent basis as shown in the following example.

<u>Private Line Facility</u>	<u>Voice Grade Equivalent</u>		<u>Surcharge</u>		<u>Monthly Charge</u>
Group	12	x	\$25	=	\$300.00
DS1	24	x	\$25	=	\$600.00

In the case of multipoint special access facilities, one Special Access Surcharge will apply for each termination of a special access channel at an end user's premises.

The Telephone Company will bill the surcharge to the customer who orders the special access facility unless the facility is exempt as set forth in B preceding.

(FC) 7.3.3 Message Station Equipment Recovery Charge

The Message Station Equipment Recovery Charge is a charge to recover that portion of message station equipment that is assigned to Special Access Service.

Pursuant to CC Docket 83-1145 Memorandum Opinion and Order adopted by the Federal Communications Commission on November 8, 1984, and released on November 9, 1984, this charge is assessed only to those customers to which the Special Access Surcharge applies. The rate for the Message Station Equipment Recovery Charge is set forth in Paragraph 7.4.9, following.

(FC)

Issued: September 25, 1989

Effective: October 1, 1989

By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

FILED
MO PSC

No supplement to this tariff will be issued except for the purpose of canceling this tariff.

Access Services Tariff
Section 7
Original Sheet 70.02

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rate Regulations-(Continued)

7.4.2 Surcharge for Special Access Service-(Continued)

C. Crediting the Surcharge

The Telephone Company will cease billing the Special Access Surcharge when certification that the special access facility has become exempt from the surcharge, as set forth in Paragraph B., preceding, is received. If the status of the special access facility was changed prior to receipt of the exemption certification, the Telephone Company will credit the customer's account, not to exceed ninety (90) days, based on the effective date of the change specified by the customer in the letter of certification.

D. Rate Regulations

The monthly Special Access Surcharge applies to special access facilities arranged, as set forth in A preceding, on a per voice equivalent basis as shown in the following example.

<u>Private Line Facility</u>	<u>Voice Grade Equivalent</u>		<u>Surcharge</u>		<u>Monthly Charge</u>
Group	12	x	\$25	=	\$300.00
DS1	24	x	\$25	=	\$600.00

In the case of multipoint special access facilities, one Special Access Surcharge will apply for each termination of a special access channel at an end user's premises.

The Telephone Company will bill the surcharge to the customer who orders the special access facility unless the facility is exempt as set forth in B preceding.

7.4.3 Message Station Equipment Recovery Charge

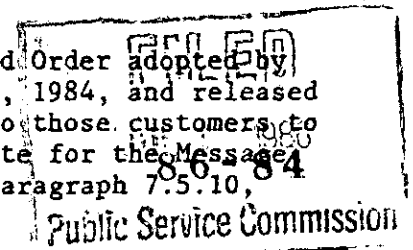
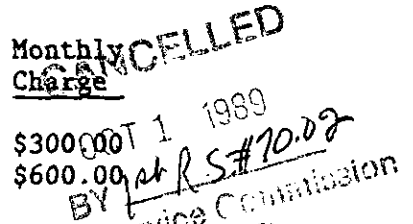
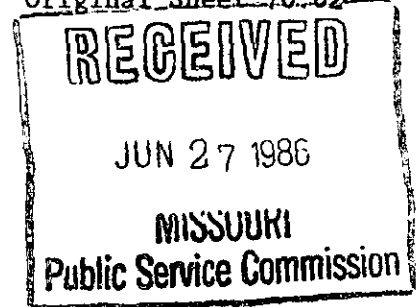
The Message Station Equipment Recovery Charge is a charge to recover that portion of message station equipment that is assigned to Special Access Service.

Pursuant to CC Docket 83-1145 Memorandum Opinion and Order adopted by the Federal Communications Commission on November 8, 1984, and released on November 9, 1984, this charge is assessed only to those customers to which the Special Access Surcharge applies. The rate for the Message Station Equipment Recovery Charge is set forth in Paragraph 7.5.10, following.

Issued: JUN 27 1986

Effective: JUL 1 1986

By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri



No Supplement to this
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of canceling this tariff.

Access Services Tariff
Section 7
5th Revised Sheet 71
Replacing 4th Revised Sheet 71

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Rate Regulations-(Continued)

7.3.4 Minimum Periods

(AT) Except as specified otherwise, the minimum service period for all services is one month.

7.3.5 Moves

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

- The Point of Termination at the customer's premises
- The customer's premises

The charges are dependent on the type of move requested by the customer.

A. Moves of the Point of Termination Within the Same Customer Premises

(1) Rollover

A Rollover is a customer initiated move that involves a change of a Point of Termination from an existing service to another existing service within the same customer premises. The Rollover must occur within the same Telephone Company location.

Rollovers may be performed at the following service levels:

- Analog/MegaLink Data to 1.544 Mbps High Capacity (DS1)
- 1.544 Mbps High Capacity (DS1) to 1.544 High Capacity (DS1)
- 1.544 Mbps High Capacity (DS1) to MegaLink Custom (DS3)

CANCELLED - Missouri Public Service Commission - 02/16/2003 - IN-2003-0247

Issued: September 22, 1994

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October 1, 1994

By M. H. SCHULTEIS, Division Manager-Regulatory & Industry Relations
Southwestern Bell Telephone Company
St. Louis, Missouri

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MO PSC

No supplement to this tariff will be issued except for the purpose of canceling this tariff.

Access Services Tariff
Section 7
4th Revised Sheet 71
Replacing 3rd Revised Sheet 71

ACCESS SERVICES

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FEB 17 1994

MISSOURI
Public Service Commission

7. SPECIAL ACCESS SERVICE--(Continued)

7.3 Rate Regulations--(Continued)

7.3.4 Minimum Periods

The minimum service period for all services is one month.

7.3.5 Moves

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

- The Point of Termination at the customer's premises
- The customer's premises

The charges are dependent on the type of move requested by the customer.

A. Moves of the Point of Termination Within the Same Customer Premises

(1) Rollover

A Rollover is a customer initiated move that involves a change of a Point of Termination from an existing service to another existing service within the same customer premises. The Rollover must occur within the same Telephone Company location.

Rollovers may be performed at the following service levels:

- Analog/MegaLink Data to 1.544 Mbps High Capacity (DS1)
- 1.544 Mbps High Capacity (DS1) to 1.544 High Capacity (DS1)
- 1.544 Mbps High Capacity (DS1) to MegaLink Custom (DS3)

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OCT 01 1994
BY S. R. S. #41
Public Service Commission
MISSOURI

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MAR 20 1993

Issued: FEB 18 1994

Effective: MAR 20 1994

By M. H. SCHULTEIS, Division Manager-Regulatory & Industry Relations
Southwestern Bell Telephone Company
St. Louis, Missouri

MISSOURI
Public Service Commission

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Access Services Tariff
Section 7
4th Revised Sheet 71
Replacing 3rd Revised Sheet 71

ACCESS SERVICES

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MISSOURI
Public Service Commission

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Rate Regulations-(Continued)

7.3.4 Minimum Periods

(AT) Except as specified otherwise, the minimum service period for all services is one month.

7.3.5 Moves

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

- The Point of Termination at the customer's premises
- The customer's premises

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

A. Moves Within the Same Building

When the move is to a new location within the same building, the move will be treated as an extension of access service facilities. Extension of access service facilities will be provided at the customer's request, on a time-sensitive charge basis. The labor rates which apply are as set forth in Section 13.2.6(c), following, for Other Labor. There will be no change in minimum period requirement.

B. Moves to a Different Building

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

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BY 70-95-85
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MISSOURI

JAN 1 1994
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Effective: **JAN 01 1994**

By M. H. SCHULTEIS, Division Manager-Regulatory and Industry Relations
Southwestern Bell Telephone Company
St. Louis, Missouri

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Access Services Tariff
Section 7
3rd Revised Sheet 71
Replacing 2nd Revised Sheet 71

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE--(Continued)

SEP 25 1989

(F) 7.3 Rate Regulations--(Continued)

(F) 7.3.4 Minimum Periods

MISSOURI
Public Service Commission

The minimum service period for all services is one month.

(F) 7.3.5 Moves

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

- The Point of Termination at the customer's premises
- The customer's premises

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

A. Moves Within the Same Building

When the move is to a new location within the same building, the move will be treated as an extension of access service facilities. Extension of access service facilities will be provided at the customer's request, on a time-sensitive charge basis. The labor rates which apply are as set forth in Section 13.2.6(c), following, for Other Labor. There will be no change in minimum period requirement.

B. Moves to a Different Building

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

CANCELLED

MAR 20 1994
BY *47* R.S. #71
Public Service Commission
MISSOURI

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OCT 1 1989
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By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

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Access Services Tariff
Section 7
2nd Revised Sheet 71
Replacing 1st Revised Sheet 71

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

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7.4 Rate Regulations-(Continued)

7.4.4 Minimum Periods

NOV 26 1986

The minimum service period for all services is one month. MISSOURI

7.4.5 Moves

Public Service Commission

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

- The Point of Termination at the customer's premises
- The customer's premises

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

A. Moves Within the Same Building

When the move is to a new location within the same building, the move will be treated as an extension of access service facilities. Extension of access service facilities will be provided at the customer's request, on a time-sensitive charge basis. The labor rates which apply are as set forth in Section 13.2.6(c), following, for Other Labor. There will be no change in minimum period requirements.

(CT)

B. Moves to a Different Building

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

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OCT 1 1989
BY 302 R.S.#71
Public Service Commission
MISSOURI

JAN - 1 1987

Issued: DEC 01 1986

Effective: JAN 01 1987

By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

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Access Services Tariff
Section 7
1st Revised Sheet 71
Replacing Original Sheet 71

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rate Regulations-(Continued)

7.4.4 Minimum Periods

The minimum service period for all services is one

7.4.5 Moves

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

- The Point of Termination at the customer's premises
- The customer's premises

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

A. Moves Within the Same Building

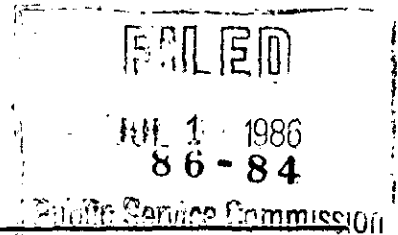
When the move is to a new location within the same building, the move will be treated as an extension of access service facilities as set forth in 2.1.4.C, preceding. There will be no change in minimum period requirement.

B. Moves to a Different Building

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



JAN 1 1987
BY 216 R.S. #71
PUBLIC SERVICE COMMISSION
OF MISSOURI



Issued: JUN 27 1986

Effective: JUL 1 1986

By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

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Access Services Tariff
Section 7
Original Sheet 71

ACCESS SERVICES

DEC 29 1983

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Service-(Continued)

7.2.1 Analog Services-(Continued)

B. Voice Grade Services-(Continued)

14. Available Facility Interface (FI) Combinations-(Continued)

FI Combinations		Voice Grade Service (VG)												
IC	End User	1	2	3	4	5	6	7	8	9	10	11	12	13
4SF2	4DX2									X				
4SF2	9DY2			X				X	X					
4SF2	6DY2			X				X	X					
4SF2	4DY2			X				X	X					
4SF2	9EA2			X				X	X					
4SF2	6EA2-E			X				X	X					
4SF2	6EA2-M			X				X	X	X				
4SF2	4EA2-E			X				X	X					
4SF2	4EA2-M			X				X	X					
4SF2	8EB2-E			X				X	X					
4SF2	8EB2-M			X				X	X	X				

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JUL 1 1986
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PUBLIC SERVICE COMMISSION
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83 - 253

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Effective: JAN 01 1984

By R. D. BARRON, Vice President-Missouri
Southwestern Bell Telephone Company
St. Louis, Missouri

No Supplement to this tariff will be issued except for the purpose of canceling this tariff.

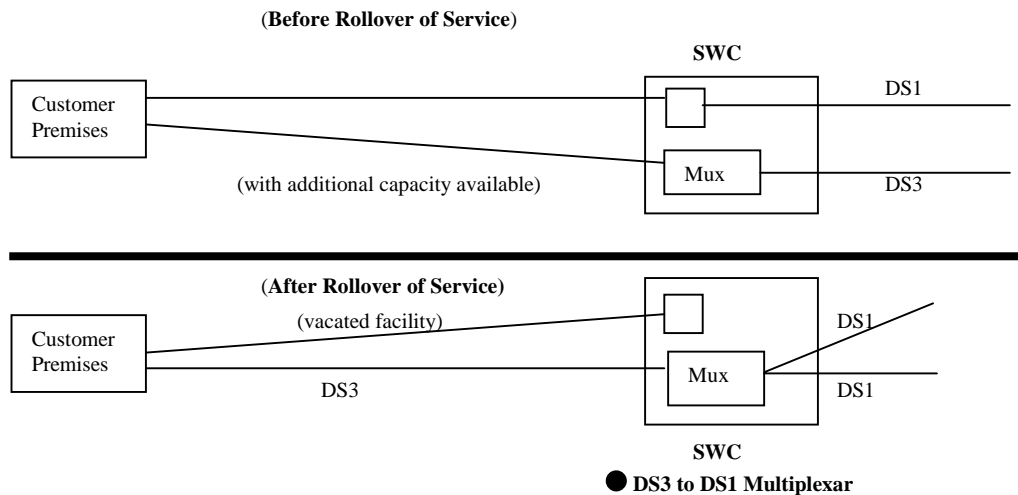
Access Services Tariff
Section 7
Original Sheet 71.01

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Rate Regulations-(Continued)

The diagram following illustrates a typical service arrangement before and after a Rollover has occurred.



The charges for a Rollover of the services shown above are detailed in Paragraph 7.4. There will be no change in minimum period requirements.

(2) Relocation

When the move of the Point of Termination is to a new location within the same customer premises, the move will be treated as an extension of access service facilities. Extension of access service facilities will be provided, at the customer's request, on a time sensitive charge basis. The labor rates which apply are as set forth in Section 13 for Other Labor. There will be no change in minimum period requirements.

(B) Moves of a Customer Premises

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

Issued: February 18, 1994

Effective: March 20, 1994

By M. H. SCHULTEIS, Division Manager-Regulatory & Industry Relations
Southwestern Bell Telephone Company
St. Louis, Missouri

FILED
MO PSC

CANCELLED - Missouri Public Service Commission - 02/16/2003 - IN-2003-0247

No Supplement to this
tariff will be issued
except for the purpose
of canceling this tariff.

Access Services Tariff
Section 7
8th Revised Sheet 72
Replacing 7th Revised Sheet 72

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Rate Regulations-(Continued)

7.3.6 Mileage Measurement

The mileage to be used to determine the monthly rate for the channel mileage is calculated on the airline distance between the locations involved, i.e., the serving wire center associated with two customer designated premises, a serving wire center associated with a customer designated premises and a Telephone Company Hub, or a serving wire center associated with a customer designated premises and the WATS serving office. The serving wire center associated with a customer designated premises is the serving wire center from which the customer designated premises would normally obtain dial tone.

Mileage is shown in Paragraph 7.4, following, in terms of mileage bands. To determine the rate to be billed, first compute the mileage using the V&H coordinates method as set forth in the appropriate National Exchange Carrier Association, Inc. Tariff filed with the F.C.C.(1), then find the band into which the computed mileage falls and apply the rates shown for that band. When the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage band and applying the rates.

When Hubs are involved, mileage is computed and rates applied separately for each section of the channel mileage, i.e., customer designated premises serving wire center to Hub, Hub to Hub and/or Hub to customer designated premises serving wire center. However, when any service is routed through a Hub for purposes other than customer specified bridging,
(AT) multiplexing, Network Reconfiguration Service or Transport Resource
(AT) Management Service (i.e., the Telephone Company chooses to so route for test access purposes), rates will be applied only to the distance calculated between the serving wire centers associated with the customer designated premises.

(1) For intraLATA LEC to LEC traffic, percentages of ownership will be determined by the V&H coordinates located in the Missouri PTC intraLATA Data Base.

Issued: August 26, 1994

Effective: September 26, 1994

By M. H. SCHULTEIS, Executive Director-External Affairs
Southwestern Bell Telephone
St. Louis, Missouri

FILED
MO PSC

CANCELLED - Missouri Public Service Commission - 02/16/2003 - IN-2003-0247

No supplement to this tariff will be issued except for the purpose of canceling this tariff.

Access Services Tariff
Section 7
7th Revised Sheet 72
Replacing 6th Revised Sheet 72

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE--(Continued)

MAY 29 1991

7.3 Rate Regulations--(Continued)

MISSOURI

7.3.6 Mileage Measurement

Public Service Commission

The mileage to be used to determine the monthly rate for the channel mileage is calculated on the airline distance between the locations involved, i.e., the serving wire center associated with two customer designated premises, a serving wire center associated with a customer designated premises and a Telephone Company Hub, or a serving wire center associated with a customer designated premises and the WATS serving office. The serving wire center associated with a customer designated premises is the serving wire center from which the customer designated premises would normally obtain dial tone.

Mileage is shown in Paragraph 7.4, following, in terms of mileage bands. To determine the rate to be billed, first compute the mileage using the V&H coordinates method as set forth in the appropriate National Exchange Carrier Association, Inc. Tariff filed with the F.C.C.(1), then find the band into which the computed mileage falls and apply the rates shown for that band. When the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage band and applying the rates.

When Hubs are involved, mileage is computed and rates applied separately for each section of the channel mileage, i.e., customer designated premises serving wire center to Hub, Hub to Hub and/or Hub to customer designated premises serving wire center. However, when any service is routed through a Hub for purposes other than customer specified bridging, multiplexing or Network Reconfiguration Service (i.e., the Telephone Company chooses to so route for test access purposes), rates will be applied only to the distance calculated between the serving wire centers associated with the customer designated premises.

(AT)

- (1) For intraLATA LEC to LEC traffic, percentages of ownership by the V&H coordinates located in the Missouri PTC intraLATA Data Base.

CANCELLED
SEP 26 1994
BY 8 R.S. #72
Public Service Commission
Missouri

Issued: JUN 0 1 1991

Effective: AUG 0 5 1991

By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

FILED

AUG 5 1991

Public Service Commission

No Supplement to this tariff will be issued except for the purpose of canceling this tariff.

Access Services Tariff
Section 7
6th Revised Sheet 72
Replacing 5th Revised Sheet 72

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE--(Continued)

FEB 20 1990

7.3 Rate Regulations--(Continued)

MISSOURI

7.3.6 Mileage Measurement

Public Service Commission

The mileage to be used to determine the monthly rate for the channel mileage is calculated on the airline distance between the locations involved, i.e., the serving wire center associated with two customer designated premises, a serving wire center associated with a customer designated premises and a Telephone Company Hubs, or a serving wire center associated with a customer designated premises and the WATS serving office. The serving wire center associated with a customer designated premises is the serving wire center from which the customer designated premises would normally obtain dial tone.

Mileage is shown in Paragraph 7.4, following, in terms of mileage bands. To determine the rate to be billed, first compute the mileage using the V&H coordinates method as set forth in the appropriate National Exchange Carrier Association, Inc. Tariff filed with the F.C.C.(1), then find the band into which the computed mileage falls and apply the rates shown for that band. When the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage band and applying the rates.

(CT)
(AT)

When Hubs are involved, mileage is computed and rates applied separately for each section of the channel mileage, i.e., customer designated premises serving wire center to Hub, Hub to Hub and/or Hub to customer designated premises serving wire center. However, when any service is routed through a Hub for purposes other than customer specified bridging or multiplexing (i.e., the Telephone Company chooses to so route for test access purposes), rates will be applied only to the distance calculated between the serving wire centers associated with the customer designated premises.

CANCELLED

AUG 2 1991

BY 7th R.S. 472Public Service Commission
MISSOURI

- (1) For intraLATA LEC to LEC traffic, percentages of ownership will be determined by the V&H coordinates located in the Missouri PTC IntraLATA Data Base.

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Effective: MAR 26 1990

FILED

By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

MAR 26 1990

Public Service Commission

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Access Services Tariff
Section 7
5th Revised Sheet 72
Replacing 4th Revised Sheet 72

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

RECEIVED

(FC) 7.3 Rate Regulations-(Continued)

SEP 25 1989

(FC) 7.3.6 Mileage Measurement

MISSOURI

Public Service Commission

The mileage to be used to determine the monthly rate for the channel mileage is calculated on the airline distance between the locations involved, i.e., the serving wire center associated with two customer designated premises, a serving wire center associated with a customer designated premises and a Telephone Company Hubs, or a serving wire center associated with a customer designated premises and the WATS serving office. The serving wire center associated with a customer designated premises is the serving wire center from which the customer designated premises would normally obtain dial tone.

(FC)

Mileage is shown in Paragraph 7.4, following, in terms of mileage bands. To determine the rate to be billed, first compute the mileage using the V&H coordinates method as set forth in the appropriate Exchange Carrier Association Tariff filed with the F.C.C.(1), then find the band into which the computed mileage falls and apply the rates shown for that band. When the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage band and applying the rates.

When Hubs are involved, mileage is computed and rates applied separately for each section of the channel mileage, i.e., customer designated premises serving wire center to Hub, Hub to Hub and/or Hub to customer designated premises serving wire center. However, when any service is routed through a Hub for purposes other than customer specified bridging or multiplexing (i.e., the Telephone Company chooses to so route for test access purposes), rates will be applied only to the distance calculated between the serving wire centers associated with the customer designated premises.

CANCELLED

MAR 26 1990

BY 62 R.S.H. 22

Public Service Commission
MISSOURI

- (1) For intraLATA LEC to LEC traffic, percentages of ownership will be determined by the V&H coordinates located in the Missouri PTC IntraLATA Data Base.

FILED

Issued: SEP 25 1989

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OCT 1 1989

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By R. D. BARRON, President-Missouri Division,
Southwestern Bell Telephone Company
St. Louis, Missouri

Public Service Commission

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tariff will be issued
except for the purpose
of canceling this tariff.

P.S.C. Mo.-No. 36

Access Services Tariff
Section 7
4th Revised Sheet 72
Replacing 3rd Revised Sheet 72

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE--(Continued)

7.4 Rate Regulations--(Continued)

7.4.6 Mileage Measurement

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MAY 2 1988

MISSOURI

Public Service Commission

The mileage to be used to determine the monthly rate for the channel mileage is calculated on the airline distance between the locations involved, i.e., the serving wire center associated with two customer designated premises, a serving wire center associated with a customer designated premises and a Telephone Company Hubs, or a serving wire center associated with a customer designated premises and the WATS serving office. The serving wire center associated with a customer designated premises is the serving wire center from which the customer designated premises would normally obtain dial tone.

(CT) Mileage is shown in Paragraph 7.5, following, in terms of mileage bands.
(CT) To determine the rate to be billed, first compute the mileage using the V&H coordinates method as set forth in the appropriate Exchange Carrier Association Tariff filed with the F.C.C.(1), then find the band into which the computed mileage falls and apply the rates shown for that band. When the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage band and applying the rates.

When Hubs are involved, mileage is computed and rates applied separately for each section of the channel mileage, i.e., customer designated premises serving wire center to Hub, Hub to Hub and/or Hub to customer designated premises serving wire center. However, when any service is routed through a Hub for purposes other than customer specified bridging or multiplexing (i.e., the Telephone Company chooses to so route for test access purposes), rates will be applied only to the distance calculated between the serving wire centers associated with the customer designated premises.

CANCELLED

OCT 1 1989
BY 5-RS#72
Public Service Commission
MISSOURI

FILED

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84-222 et al.
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(AT) (1) For intraLATA LEC to LEC traffic, percentages of ownership will be determined by the V&H coordinates located in the Missouri PTC IntraLATA Data Base.

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By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

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Access Services Tariff
Section 7
3rd Revised Sheet 72
Replacing 2nd Revised Sheet 72

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

OCT 13 1987

7.4 Rate Regulations-(Continued)

MISSOURI

7.4.6 Mileage Measurement

Public Service Commission

(AT)
(AT)
The mileage to be used to determine the monthly rate for the channel mileage is calculated on the airline distance between the locations involved, i.e., the serving wire centers associated with two customer designated premises, a serving wire center associated with a customer designated premises and a Telephone Company Hub, two Telephone Company Hubs, or a serving wire center associated with a customer designated premises and the WATS serving office. The serving wire center associated with a customer designated premises is the serving wire center from which the customer designated premises would normally obtain dial tone.

Mileage is shown in Paragraph 7.5, following, in terms of mileage bands. To determine the rate to be billed, first compute the mileage using the V&H coordinates method as set forth in Exchange Carrier Association Tariff, F.C.C. No. 2, then find the band into which the computed mileage falls and apply the rates shown for that band. When the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage band and applying the rates.

When Hubs are involved, mileage is computed and rates applied separately for each section of the channel mileage, i.e., customer designated premises serving wire center to Hub, Hub to Hub and/or Hub to customer designated premises serving wire center. However, when any service is routed through a Hub for purposes other than customer specified bridging or multiplexing (i.e., the Telephone Company chooses to so route for test access purposes), rates will be applied only to the distance calculated between the serving wire centers associated with the customer designated premises.

CANCELLED

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Public Service Commission
MISSOURI

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By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
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Access Services Tariff
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2nd Revised Sheet 72
Replacing 1st Revised Sheet 72

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rate Regulations-(Continued)

7.4.6 Mileage Measurement

The mileage to be used to determine the monthly rate ~~for the channel~~ mileage is calculated on the airline distance between the locations involved, i.e., the serving wire centers associated with two customer designated premises, a serving wire center associated with a customer designated premises and a Telephone Company Hub, or two Telephone Company Hubs. The serving wire center associated with a customer designated premises is the serving wire center from which the customer designated premises would normally obtain dial tone.

Mileage is shown in Paragraph 7.5, following, in terms of mileage bands. To determine the rate to be billed, first compute the mileage using the V&H coordinates method as set forth in Exchange Carrier Association Tariff, F.C.C. No. 2, then find the band into which the computed mileage falls and apply the rates shown for that band. When the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage band and applying the rates.

When Hubs are involved, mileage is computed and rates applied separately for each section of the channel mileage, i.e., customer designated premises serving wire center to Hub, Hub to Hub and/or Hub to customer designated premises serving wire center. However, when any service is routed through a Hub for purposes other than customer specified bridging or multiplexing (i.e., the Telephone Company chooses to so route for test access purposes), rates will be applied only to the distance calculated between the serving wire centers associated with the customer designated premises.

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Public Service Commission
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86-84

Public Service Commission

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By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

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Access Services Tariff
Section 7
1st Revised Sheet 72
Replacing Original Sheet 72

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Service-(Continued)

7.2.1 Analog Services-(Continued)

B. Voice Grade Services-(Continued)

14. Available Facility Interface (FI) Combinations-(Continued)

	FI Combinations		Voice Grade Service (VG)												
	IC	End User	1	2	3	4	5	6	7	8	9	10	11	12	13
(AT)	4SF2	6EB2-E			X				X	X					
(AT)	4SF2	6EB2-M			X				X	X					
(AT)	4SF2	6GS2(1)			X				X						
	4SF2	4GS2			X				X						
	4SF2	2GS2	X		X				X						
	4SF2	2GS3			X				X						
(RT)	4SF2	2LA2		X					X						
	4SF2	2LB2		X					X						
	4SF2	2LC2		X					X						
	4SF2	2LO3		X					X						
	4SF2	4LR2		X											
	4SF2	2LR2		X											
	4SF2	4LS2		X	X				X						
	4SF2	2LS2		X	X				X	X					
	4SF2	2LS3							X						
	4SF2	4RV2-T			X				X						
	4SF2	2RV2-T							X						

CANCELLED

JUL 1 1986
BY *2nd R.S.# 72*
PUBLIC SERVICE COMMISSION
OF MISSOURI

(AT) (1) This facility interface combination is applicable with Centrex only.

FILED

C.O. Service 1984

Issued: AUG 15 1984

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Public Service Commission

By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

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Access Services Tariff
Section 7
Original Sheet 72

ACCESS SERVICES

DEC 29 1983

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Service-(Continued)

Public Service Commission

7.2.1 Analog Services-(Continued)

B. Voice Grade Services-(Continued)

14. Available Facility Interface (FI) Combinations-(Continued)

FI Combinations		Voice Grade Service (VG)												
IC	End User	1	2	3	4	5	6	7	8	9	10	11	12	13
4SF2	6EB2-E			X				X						
4SF2	6EB2-M			X				X						
4SF2	4GS2			X				X						
4SF2	2GS2	X		X				X						
4SF2	2GS3			X				X						
4SF2	2LA2		X					X						
4SF2	2LB2		X					X						
4SF2	2LC2		X					X						
4SF2	2LO3		X					X						
4SF2	2LO2	X												
4SF2	4LR2		X											
4SF2	2LR2		X											
4SF2	4LS2		X	X				X						
4SF2	2LS2		X	X				X	X					
4SF2	2LS3			X				X						
4SF2	4RV2-T			X				X						
4SF2	2RV2-T			X				X						

CANCELLED

OCT 15 1984
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OF MISSOURI

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By R. D. BARRON, Vice President-Missouri
Southwestern Bell Telephone Company
St. Louis, Missouri

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Access Services Tariff
Section 7
5th Revised Sheet 73
Replacing 4th Revised Sheet 73

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Rate Regulations-(Continued)

7.3.7 Facility Hubs

A customer has the option of ordering voice grade facilities of analog or digital high capacity facilities (i.e., Group, Supergroup, Mastergroup, DS1, DS1C, DS2, DS3 or DS4) to a facility Hub for channelizing to individual services requiring lower capacity facilities (i.e., Telegraph, Voice, Program Audio, etc.).

Different locations may be designated as Hubs for different facility capacities, i.e., multiplexing from digital to digital may occur at one location while multiplexing from digital to analog may occur at a different location. The customer will select the designated Hubs and their appropriate subtending wire center(s) from the National Exchange Carrier Association, Inc. Tariff filed with the F.C.C.

Some of the types of multiplexing available include the following:

- from higher to lower bit rate
- from higher to lower bandwidth
- from digital to voice frequency channels

End-to-end services may be provided on channels of these facilities to a Hub. The transmission performance for the end-to-end service provided customer designated premises will be that of the lower capacity or bit rate. For example, when a 1.544 Mbps facility is multiplexed to voice frequency channel, the transmission performance of the channelized services will be voice grade, not high capacity.

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Effective: September 30, 1991

By A. D. ROBERTSON, Assistant Vice President-External Affairs
Southwestern Bell Telephone Company
St. Louis, Missouri

FILED
MO PSC

No supplement to this tariff will be issued except for the purpose of canceling this tariff.

Access Services Tariff
Section 7
4th Revised Sheet 73
Replacing 3rd Revised Sheet 73

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE--(Continued)

FEB 20 1990

7.3 Rate Regulations--(Continued)

MISSOURI

7.3.7 Facility Hubs

Public Service Commission

A customer has the option of ordering voice grade facilities of analog or digital high capacity facilities (i.e., Group, Supergroup, Mastergroup, DS1, DS1C, DS2, DS3 or DS4) to a facility Hub for channelizing to individual services requiring lower capacity facilities (i.e., Telegraph, Voice, Program Audio, etc.).

Different locations may be designated as Hubs for different facility capacities, i.e., multiplexing from digital to digital may occur at one location while multiplexing from digital to analog may occur at a different location. The customer will select the designated Hubs from the National Exchange Carrier Association, Inc. Tariff filed with the F.C.C.

(CT)
(RT)
(RT)

Some of the types of multiplexing available include the following:

- from higher to lower bit rate
- from higher to lower bandwidth
- from digital to voice frequency channels

End-to-end services may be provided on channels of these facilities to a Hub. The transmission performance for the end-to-end service provided customer designated premises will be that of the lower capacity or bit rate. For example, when a 1.544 Mbps facility is multiplexed to voice frequency channel, the transmission performance of the channelized services will be voice grade, not high capacity.

CANCELLED

SEP 30 1991
BY 5th RS. #43
Public Service Commission
MISSOURI

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Effective: MAR 26 1990

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By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

MAR 26 1990
Public Service Commission

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Access Services Tariff
Section 7
3rd Revised Sheet 73
Replacing 2nd Revised Sheet 73

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

SEP 25 1989

(FC) 7.3 Rate Regulations-(Continued)

MISSOURI

(FC) 7.3.7 Facility Hubs

Public Service Commission

(RT)

A customer has the option of ordering voice grade facilities of analog or digital high capacity facilities (i.e., Group, Supergroup, Mastergroup, DS1, DS1C, DS2, DS3 or DS4) to a facility Hub for channelizing to individual services requiring lower capacity facilities (i.e., Telegraph, Voice, etc.).

Different locations may be designated as Hubs for different facility capacities, i.e., multiplexing from digital to digital may occur at one location while multiplexing from digital to analog may occur at a different location. The customer will select the designated Hubs from the appropriate Exchange Carrier Association's Wire Center Information Tariff and the Telephone Company Bridging and Hubbing List which specifies the type of multiplexing available at a specific location and the wire centers served from that Hub.

Some of the types of multiplexing available include the following:

- from higher to lower bit rate
- from higher to lower bandwidth
- from digital to voice frequency channels

End-to-end services may be provided on channels of these facilities to a Hub. The transmission performance for the end-to-end service provided customer designated premises will be that of the lower capacity or bit rate. For example, when a 1.544 Mbps facility is multiplexed to voice frequency channel, the transmission performance of the channelized services will be voice grade, not high capacity.

CANCELLED

MAR 26 1990
BY 4 R.S.# 23
Public Service Commission
MISSOURI

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OCT 1 1989
89 - 14
Public Service Commission

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By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

No supplement to this tariff will be issued except for the purpose of canceling this tariff.

Access Services Tariff
Section 7
2nd Revised Sheet 73
Replacing 1st Revised Sheet 73

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

AUG 15 1988

7.4 Rate Regulations-(Continued)

MISSOURI

7.4.7 Facility Hubs

Public Service Commission

A customer has the option of ordering voice grade facilities of analog or digital high capacity facilities (i.e., Group, Supergroup, Mastergroup, DS1, DS1C, DS2, DS3 or DS4) to a facility Hub for channelizing to individual services requiring lower capacity facilities (i.e., Telegraph, Voice, Program Audio, etc.).

Different locations may be designated as Hubs for different facility capacities, i.e., multiplexing from digital to digital may occur at one location while multiplexing from digital to analog may occur at a different location. The customer will select the designated Hubs from the appropriate Exchange Carrier Association's Wire Center Information Tariff and the Telephone Company Bridging and Hubbing List which specifies the type of multiplexing available at a specific location and the wire centers served from that Hub.

(CT)

(CT)

Some of the types of multiplexing available include the following:

- from higher to lower bit rate
- from higher to lower bandwidth
- from digital to voice frequency channels

End-to-end services may be provided on channels of these facilities to a Hub. The transmission performance for the end-to-end service provided customer designated premises will be that of the lower capacity or bit rate. For example, when a 1.544 Mbps facility is multiplexed to voice frequency channel, the transmission performance of the channelized services will be voice grade, not high capacity.

CANCELLED

OCT 1 1988
BY 3-23 5-23
Public Service Commission
MISSOURI

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By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

Public Service Commission

No supplement to this tariff will be issued except for the purpose of canceling this tariff.

Access Services Tariff
Section 7
1st Revised Sheet 73
Replacing Original Sheet 73

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rate Regulations-(Continued)

7.4.7 Facility Hubs

A customer has the option of ordering voice grade facilities or digital high capacity facilities (i.e., Group, Supergroup, Mastergroup, DS1, DS1C, DS2, DS3 or DS4) to a facility Hub for channelizing to individual services requiring lower capacity facilities (i.e., Telegraph, Voice, Program Audio, etc.).

Different locations may be designated as Hubs for different facility capacities, i.e., multiplexing from digital to digital may occur at one location while multiplexing from digital to analog may occur at a different location. The customer will choose the desired Hub from a list that the Telephone Company will make available. The Hub list will specify the type of multiplexing available at a specific location and the wire centers served from that Hub.

Some of the types of multiplexing available include the following:

- from higher to lower bit rate
- from higher to lower bandwidth
- from digital to voice frequency channels

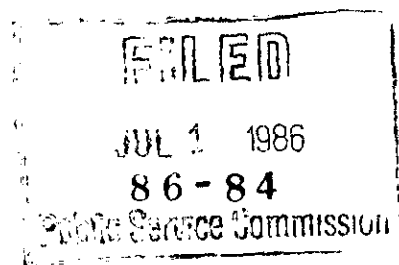
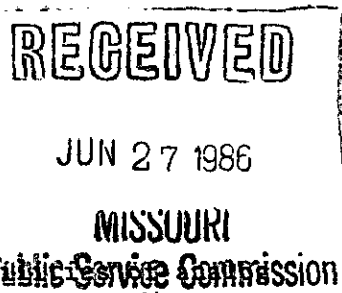
End-to-end services may be provided on channels of these facilities to a Hub. The transmission performance for the end-to-end service provided between customer designated premises will be that of the lower capacity or bit rate. For example, when a 1.544 Mbps facility is multiplexed to voice frequency channel, the transmission performance of the channelized services will be voice grade, not high capacity.

CANCELLED

SEP 14 1988

BY *And L.S.#73*

Public Service Commission
MISSOURI



Issued: JUN 27 1986

Effective: JUL 1 1986

By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

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Access Services Tariff
Section 7
Original Sheet 73

ACCESS SERVICES

DEC 29 1983

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Service-(Continued)

Public Service Commission

7.2.1 Analog Services-(Continued)

C. Program Audio Services

1. Program Audio 1 (AP1) Special Access Service

a. Description

Special Access Service AP1 provides a channel with a nominal bandwidth from 200 to 3,500 Hz for the transmission of a complex signal voltage, such as speech or music, between an IC terminal location and an End User's premises. Only one-way transmission is provided.

b. Illustrative Application

Special Access Service AP1 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Wired Music

c. Optional Features

- Gain Conditioning - control of 1004 Hz EML at initiation of service to 0 dB \pm 0.5 dB.

- Central office bridging capability (wired music).

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BY at R.S.#73
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No Supplement to this
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Access Services Tariff
Section 7
2nd Revised Sheet 74
Replacing 1st Revised Sheet 74

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

(FC) 7.3 Rate Regulations-(Continued)

(FC) 7.3.7 Facility Hubs-(Continued)

The Telephone Company will commence billing the monthly rate for the facility to the Hub on the date specified by the customer on the service order. Individual services utilizing these facilities may be installed coincident with the installation of the facility to the Hub, or may be ordered and/or installed at a later date, at the option of the customer. The customer will be billed for a voice grade or a wideband analog or a high capacity digital channel termination, channel mileage, when applicable, an Inside Wire Recovery Charge, if applicable, and the multiplexer at the time the facility is installed. Individual service rates, by service type, will apply for a channel termination, additional channel mileage, as required, and an Inside Wire Recovery Charge, if applicable, for each channelized service. These will be billed to the customer as each individual service is installed. The billing must be to the same customer for both parts of the service arrangement.

Cascading multiplexing occurs when a wideband analog or high-capacity digital channel is de-multiplexed to provide channels with a lesser capacity and one of the lesser capacity channels is further de-multiplexed. For example, a supergroup facility is de-multiplexed to five group facilities and then one of the group facilities is further de-multiplexed to individual voice grade channels.

When cascading multiplexing is performed, whether in the same or a different Hub, a charge for the additional multiplexing unit also applies. When cascading multiplexing is performed at different Hubbing locations, channel mileage charges also apply between the Hubs.

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Access Services Tariff
Section 7
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(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rate Regulations-(Continued)

7.4.7 Facility Hubs-(Continued)

The Telephone Company will commence billing the ~~monthly rate for the~~ facility to the Hub on the date specified by the customer on the service order. Individual services utilizing these facilities may be installed coincident with the installation of the facility to the Hub, or may be ordered and/or installed at a later date, at the option of the customer. The customer will be billed for a voice grade or a wideband analog or a high capacity digital channel termination, channel mileage, when applicable, an Inside Wire Recovery Charge, if applicable, and the multiplexer at the time the facility is installed. Individual service rates, by service type, will apply for a channel termination, additional channel mileage, as required, and an Inside Wire Recovery Charge, if applicable, for each channelized service. These will be billed to the customer as each individual service is installed. The billing must be to the same customer for both parts of the service arrangement.

Cascading multiplexing occurs when a wideband analog or high-capacity digital channel is de-multiplexed to provide channels with a lesser capacity and one of the lesser capacity channels is further de-multiplexed. For example, a supergroup facility is de-multiplexed to five group facilities and then one of the group facilities is further de-multiplexed to individual voice grade channels.

When cascading multiplexing is performed, whether in the same or a different Hub, a charge for the additional multiplexing unit also applies. When cascading multiplexing is performed at different Hubbing locations, channel mileage charges also apply between the Hubs.

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Access Services Tariff
Section 7
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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

DEC 20 1983

7.2 Technical Service Descriptions for Special Access Service-(Continued)

7.2.1 Analog Services-(Continued)

Public Service Commission

C. Program Audio Services-(Continued)

1. Program Audio 1 (AP1) Special Access Service-(Continued)

d. Transmission Performance

- Actual Measured Loss (AML)

When the service is initiated, the 1004 Hz AML will be less than 10.0 dB. With the addition of optional gain conditioning, the AML will be 0 ± 0.5 dB. Remedial action will be taken when the loss variation at 1004 Hz exceeds the initial AML by ± 4.0 dB.

- Gain/Frequency Distortion

Over the frequency band from 200 to 3,500 Hz, the gain at any frequency will be within the range from +3.0 dB to -10.0 dB with respect to the gain at 1004 Hz.

- Signal-to-Idle Circuit Noise

The ratio of received 1004 Hz signal power to C-message weighted idle circuit noise will be at least 65 dB. The received signal power level is determined by subtracting the channel AML from +18 dBm (the instantaneous peak signal level).

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Access Services Tariff
Section 7
4th Revised Sheet 75
Replacing 3rd Revised Sheet 75

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Rate Regulations-(Continued)

7.3.8 Shared Use Analog and Digital High Capacity Services

Shared use occurs when Special Access Service and Switched Access Service are provided over the same wideband analog or high capacity facilities through a common interface. The facility will be ordered, provided and rated as Special Access Service (i.e., channel termination, channel mileage, as appropriate, and multiplexer). The nonrecurring charge that applies when the shared use facility is installed will be the nonrecurring charge associated with the appropriate Special Access wideband analog or high capacity channel termination. Rating as Special Access will continue until such time as the customer chooses to use a portion of the available capacity for providing Switched Access Service. As each individual channel is activated for Switched Access Service, the Special Access channel termination, channel mileage and multiplexer rates will be reduced accordingly (i.e., 1/12th for a Group level service, 1/24th for a DS1 service, etc.), except where that channel is utilized in conjunction with CCS/SS7 Interconnection Service. The customer must place an order for each individual Switched or Special Access Service utilizing the Shared Use Facilities and specify the channel assignment for each such service.

(FC)

Switched Access Service rates and charges as set forth in Section 6, Paragraph 6.11, preceding, will apply for each channel of the shared use facility that is used to provide Switched Access Service. Where Special Access Service is provided utilizing a channel of the shared use facility to the Hub, wideband analog or high capacity rates will apply for the facility to the Hub as set forth preceding and individual service rates will apply from the Hub to the customer-designated premises. The rates that will apply to the portion from the Hub to

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Southwestern Bell Telephone Company
St. Louis, Missouri

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ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE--(Continued)

7.3 Rate Regulations--(Continued)

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7.3.8 Shared Use Analog and Digital High Capacity Services

Shared use occurs when Special Access Service and Switched Access Service are provided over the same wideband analog or high capacity facilities through a common interface. The facility will be ordered, provided and rated as Special Access Service (i.e., channel termination, channel mileage, as appropriate, and multiplexer). The nonrecurring charge that applies when the shared use facility is installed will be the nonrecurring charge associated with the appropriate Special Access wideband analog or high capacity channel termination. Rating as Special Access will continue until such time as the customer chooses to use a portion of the available capacity for providing Switched Access Service. As each individual channel is activated for Switched Access Service, the Special Access channel termination, channel mileage and multiplexer rates will be reduced accordingly (i.e., 1/12th for a Group level service, 1/24th for a DS1 service, etc.), except where that channel is utilized in conjunction with CCS/SS7 Interconnection Service. The customer must place an order for each individual Switched or Special Access Service utilizing the Shared Use Facilities and specify the channel assignment for each such service.

(AT)
(AT)

Switched Access Service rates and charges as set forth in Section 6, Paragraph 6.8, preceding, will apply for each channel of the shared use facility that is used to provide Switched Access Service. Where Special Access Service is provided utilizing a channel of the shared use facility to the Hub, wideband analog or high capacity rates will apply for the facility to the Hub as set forth preceding and individual service rates will apply from the Hub to the customer-designated premises. The rates that will apply to the portion from the Hub to

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By A. D. ROBERTSON, Assistant Vice President-External Affairs
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Access Services Tariff
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ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

SEP 25 1989

(FC) 7.3 Rate Regulations-(Continued)

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Public Service Commission
MISSOURI

(RT)

(FC) 7.3.8 Shared Use Analog and Digital High Capacity Services

Shared use occurs when Special Access Service and Switched Access Service are provided over the same wideband analog or high capacity facilities through a common interface. The facility will be ordered, provided and rated as Special Access Service (i.e., channel termination, channel mileage, as appropriate, and multiplexer). The nonrecurring charge that applies when the shared use facility is installed will be the nonrecurring charge associated with the appropriate Special Access wideband analog or high capacity channel termination. Rating as Special Access will continue until such time as the customer chooses to use a portion of the available capacity for providing Switched Access Service. As each individual channel is activated for Switched Access Service, the Special Access channel termination, channel mileage and multiplexer rates will be reduced accordingly (i.e., 1/12th for a Group level service, 1/24th for a DS1 service, etc.). The customer must place an order for each individual Switched or Special Access Service utilizing the Shared Use Facilities and specify the channel assignment for each such service.

Switched Access Service rates and charges as set forth in Section 6.8 preceding will apply for each channel of the shared use facility that is used to provide Switched Access Service. Where Special Access Service is provided utilizing a channel of the shared use facility to the Hub, wideband analog or high capacity rates will apply for the facility to the Hub as set forth preceding and individual service rates will apply from the Hub to the customer-designated premises. The rates that will apply to the portion from the Hub to

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Access Services Tariff
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1st Revised Sheet 75
Replacing Original Sheet 75

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rate Regulations-(Continued)

7.4.7 Facility Hubs-(Continued)

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Although not requiring multiplexing, the Telephone Company will designate certain Hubs for Program Audio Services. This service will be provided between a customer designated premises and a Hub and billed accordingly at the monthly rates set forth in Paragraphs 7.5.4 and 7.5.5, following, for a Channel Termination and Channel Mileage, if applicable. In addition, for Program Audio Services, rates for Optional Features and Functions and an Inside Wire Recovery Charge may be applicable.

7.4.8 Shared Use Analog and Digital High Capacity Services

Shared use occurs when Special Access Service and Switched Access Service are provided over the same wideband analog or high capacity facilities through a common interface. The facility will be ordered, provided and rated as Special Access Service (i.e., channel termination, channel mileage, as appropriate, and multiplexer). The nonrecurring charge that applies when the shared use facility is installed will be the nonrecurring charge associated with the appropriate Special Access wideband analog or high capacity channel termination. Rating as Special Access will continue until such time as the customer chooses to use a portion of the available capacity for providing Switched Access Service. As each individual channel is activated for Switched Access Service, the Special Access channel termination, channel mileage and multiplexer rates will be reduced accordingly (i.e., 1/12th for a Group level service, 1/24th for a DS1 service, etc.). The customer must place an order for each individual Switched or Special Access Service utilizing the Shared Use Facilities and specify the channel assignment for each such service.

Switched Access Service rates and charges as set forth in Section 6.8 preceding will apply for each channel of the shared use facility that is used to provide Switched Access Service. Where Special Access Service is provided utilizing a channel of the shared use facility to the Hub, wideband analog or high capacity rates will apply for the facility to the Hub as set forth preceding and individual service rates will apply from the Hub to the customer-designated premises. The rates that will apply to the portion from the Hub to

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Access Services Tariff
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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

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7.2 Technical Service Descriptions for Special Access Service-(Continued)

7.2.1 Analog Services-(Continued)

Public Service Commission

C. Program Audio Services-(Continued)

1. Program Audio 1 (AP1) Special Access Service-(Continued)

e. Available Facility Interface Combinations

<u>IC</u>	<u>End User</u>	<u>IC</u>	<u>End User</u>
2PG2-3	2PG2-3	2PG2-3	2PG1-3
4DS9-15E(1)	2PG2-3	4DS9-15E(1)	2PG1-3
4AH5-B(2)	2PG2-3	4AH5-B(2)	2PG1-3
4AH6-C(2)	2PG2-3	4AH6-C(2)	2PG1-3
4AH6-D(2)	2PG2-3	4AH6-D(2)	2PG1-3

2. Program Audio 2 (AP2) Special Access Service

a. Description

Special Access Service AP2 provides a channel with a nominal bandwidth from 100 to 5,000 Hz for the transmission of a complex signal voltage, such as speech or music, between an IC terminal location and an End User's premises. Only one-way transmission is provided.

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OF MISSOURI

- (1) Available only to IC's selecting the multiplexed four-wire DSX facility interface option at the IC terminal location and providing subsequent system and channel assignment data.
- (2) Available only to the IC's selecting the multiplexed four-wire high Capacity analog facility interface option at the IC terminal location and providing subsequent system and channel assignment data.

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

(FC) 7.3 Rate Regulations-(Continued)

(FC) 7.3.8 Shared Use Analog and Digital High Capacity Services-(Continued)
the customer-designated premises will be dependent on the specific
type of Special Access Service that is provided (i.e., Voice Grade,
Telegraph, etc.) The applicable rates will include a Channel Termi-
nation rate, Channel Mileage rates, if applicable and an Inside Wire
Recovery Charge, if applicable. Rates for optional features and
functions, if any, associated with the service will apply as set forth
in 7.4 following.

(FC) 7.3.9 Inside Wire Recovery Charge

(CT) The Inside Wire Recovery Charge is a charge to recover that portion
of inside wire cost that is assigned to Special Access Service. In-
side wire is as set forth in the Federal Communications Commission's
Rules and Regulations. Inside wire may be provided in association
with Metallic, Telegraph Grade, Voice Grade, and MegaLink Data Channel
Terminations.

(CT) Pursuant to CC Docket 83-1145 Memorandum Opinion and Order adopted
by the Federal Communications Commission on March 1, 1985, and re-
leased on March 8, 1985, the charge is assessed only to those cus-
tomers to whom such wiring is provided at a customer-designated
premises. Accordingly, the charge applies on a per Channel Termina-
tion basis for Metallic, Telegraph Grade, Voice Grade, (including WATS
Access Lines) or MegaLink Data Special Access Services unless
all such inside wire is provided by the customer.

(FC) The rate for the Inside Wire Recovery Charge is set forth in 7.4
following.

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By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

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7. SPECIAL ACCESS SERVICE-(Continued)

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7.4 Rate Regulations-(Continued)

7.4.8 Shared Use Analog and Digital High Capacity Services-(Continued) MISSOURI
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the customer-designated premises will be dependent on the specific type of Special Access Service that is provided (i.e., Voice Grade, Telegraph, etc.) The applicable rates will include a Channel Termination rate, Channel Mileage rates, if applicable and an Inside Wire Recovery Charge, if applicable. Rates for optional features and functions, if any, associated with the service will apply as set forth in 7.5 following.

7.4.9 Inside Wire Recovery Charge

The Inside Wire Recovery Charge is a charge to recover that portion of inside wire cost that is assigned to Special Access Service. Inside wire is as set forth in the Federal Communications Commission's Rules and Regulations. Inside wire may be provided in association with Metallic, Telegraph Grade, Voice Grade, Program Audio and Digital Data Channel Terminations.

Pursuant to CC Docket 83-1145 Memorandum Opinion and Order adopted by the Federal Communications Commission on March 1, 1985, and released on March 8, 1985, the charge is assessed only to those customers to whom such wiring is provided at a customer-designated premises. Accordingly, the charge applies on a per Channel Termination basis for Metallic, Telegraph Grade, Voice Grade (including WATS Access Lines), Program Audio or Digital Data Special Access Services unless all such inside wire is provided by the customer.

(AT)
(AT)

The rate for the Inside Wire Recovery Charge is set forth in 7.5 following.

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(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rate Regulations-(Continued)

7.4.8 Shared Use Analog and Digital High Capacity Services

the customer-designated premises will be dependent on the specific type of Special Access Service that is provided (i.e., Voice Grade, Telegraph, etc.) The applicable rates will include a Channel Termination rate, Channel Mileage rates, if applicable and an Inside Wire Recovery Charge, if applicable. Rates for optional features and functions, if any, associated with the service will apply as set forth in 7.5 following.

7.4.9 Inside Wire Recovery Charge

The Inside Wire Recovery Charge is a charge to recover that portion of inside wire cost that is assigned to Special Access Service. Inside wire is as set forth in the Federal Communications Commission's Rules and Regulations. Inside wire may be provided in association with Metallic, Telegraph Grade, Voice Grade, Program Audio and Digital Data Channel Terminations.

Pursuant to CC Docket 83-1145 Memorandum Opinion and Order adopted by the Federal Communications Commission on March 1, 1985, and released on March 8, 1985, the charge is assessed only to those customers to whom such wiring is provided at a customer-designated premises. Accordingly, the charge applies on a per Channel Termination basis for Metallic, Telegraph Grade, Voice Grade, Program Audio or Digital Data Special Access Services unless all such inside wire is provided by the customer.

The rate for the Inside Wire Recovery Charge is set forth in 7.5 following.

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

(FC) 7.3 Rate Regulations-(Continued)

(FC) 7.3.10 WATS Access Line Service (WALs)

When WATS Access Lines are provided the Voice Grade rate elements which apply are WAL Channel Termination (CT) between the customer designated premises and the serving wire center associated with that premises and Channel Mileage (CM) between the serving wire center associated with a customer designated premises and the WATS serving office (when the serving wire center is not a WATS serving office). In addition, the Inside Wire Charge (where appropriate), Special Access Line Surcharge and Message Station Equipment Recovery Charge will apply.

(AT) When extensions (i.e., additional terminations of the service at a different premises in the same or a different LATA) are provided, they are rated in the following manner. Both interLATA and intra-LATA extensions require an additional WAL Channel Termination and Channel Mileage (as needed). In addition, the Inside Wire Charge (where appropriate), Special Access Line Surcharge and Message Station Equipment Recovery Charge will apply.

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(AT) 7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rate Regulations-(Continued)

MISSOURI

Public Service Commission

7.4.10 WATS Access Line Service (WALs)

When WATS Access Lines are provided the Voice Grade rate elements which apply are WAL Channel Termination (CT) between the customer designated premises and the serving wire center associated with that premises and Channel Mileage (CM) between the serving wire center associated with a customer designated premises and the WATS serving office (when the serving wire center is not a WATS serving office). In addition, the Inside Wire Charge (where appropriate), Special Access Line Surcharge and Message Station Equipment Recovery Charge will apply.

When extensions (i.e., additional terminations of the service at a different premises in the same or a different LATA) are provided, they are rated in the following manner. Both interLATA and intra-LATA extensions require an additional WAL Channel Termination and Channel Mileage (as needed). In addition, the Inside Wire Charge (where appropriate), Special Access Line Surcharge and Message Station Equipment Recovery Charge will apply.

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Rate Regulations-(Continued)

(CT) 7.3.11 (Reserved for Future Use)

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE--(Continued)

(AT) 7.3 Rate Regulations--(Continued)

7.3.11 Business Video Service

A. General

The rate regulations listed in this section apply to Business Video with the following exceptions:

Business Video Service is offered with a 3-year minimum service period. The customer's rates will not change during the minimum service period unless the customer modifies service, e.g., requesting new rates because of a general tariff rate change. In this situation, a new minimum service period will be established and modification charges, as set forth in paragraph 7.3.11, C., following, will apply.

One month prior to the expiration of the minimum service period, the customer must select one of the following options:

1. The customer may renew the service for another 3-year minimum service period at the tariff regulations, rates and charges in effect at the time of renewal. Termination charges will be associated with the new minimum service period.
2. The customer may elect to renew the service on a monthly basis at the tariff regulations, rates and charges in effect at the time of renewal. Termination charges do not apply.
3. The customer may elect to disconnect the service upon expiration of the existing minimum service period.

B. Termination Charges

In the event service is terminated prior to the expiration of the minimum 3-year service period, termination charges, as specified below, will apply.

<u>Service Period</u>	<u>Termination Percentage</u>
3 years (36 months)	60%

(AT)

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Rate Regulations-(Continued)

(CT) 7.3.11 (Reserved for Future Use)

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE--(Continued)

(AT) 7.3 Rate Regulations--(Continued)

7.3.11 Business Video Service--(Continued)

B. Termination Charges--(Continued)

The termination charge is calculated as follows:

monthly rate x $\frac{\text{months remaining in service period}}{\text{termination percentage}}$

Example: A customer with a \$2,000 monthly rate terminates service with 5 months remaining in a 3-year service period. The termination charge would be calculated as follows:

$$\$2,000 \times 5 \times .60 = \$6,000.$$

The termination charge would be \$6,000.

In the event service is terminated after a 3-year minimum service period has elapsed and the customer has elected to continue service on a monthly basis, no termination charges apply.

If Special Construction charges were applied for the service being terminated, an associated termination charge, as set forth in Section 14, following, may apply.

C. Modification of Service

The customer may request to modify service provided the service end points remain the same.

It is considered a modification of service when the customer upgrades from Business Video I Service to Business Video II Service. The original minimum service period for Business Video I Service remains intact. All rates and charges in effect for Business Video II Service at the time of the modification are applicable.

(AT)

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By A. D. ROBERTSON, Assistant Vice President-External Affairs
Southwestern Bell Telephone Company
St. Louis, Missouri

No Supplement to this
tariff will be issued
except for the purpose
of canceling this tariff.

Access Services Tariff
Section 7
1st Revised Sheet 75.05
Replacing Original Sheet 75.05

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Rate Regulations-(Continued)

(CT) 7.3.11 (Reserved for Future Use)

(RT)

(RT)

CANCELLED - Missouri Public Service Commission - 02/16/2003 - IN-2003-0247

Issued: January 10, 1997

Effective: February 10, 1997

By KAREN E. JENNINGS, President-Missouri
Southwestern Bell Telephone Company
St. Louis, Missouri

FILED
MO PSC

No supplement to this tariff will be issued except for the purpose of canceling this tariff.

Access Services Tariff
Section 7
Original Sheet 75.05

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

RECEIVED

(AT) 7.3 Rate Regulations-(Continued)

FEB 9 1993

7.3.11 Business Video Service-(Continued)

MISSOURI
Public Service Commission

C. Modification of Service-(Continued)

It is considered a modification of service when the customer, prior to the expiration of the minimum service period, requests a change in rates, i.e., the customer requests the current effective rates which are different from those he is now paying. In this situation, a new minimum service period is established and all applicable charges apply, as stated in Paragraph 7.3.1, B., 3., preceding.

(AT)

CANCELLED

FEB 10 1997
BY let R.S. #75.05
Public Service Commission
MISSOURI

FILED

APR 19 1993

Issued: FEB 09 1993

Effective: ~~MAR 11 1993~~

APR 19 1993

MO. PUBLIC SERVICE COMM.

By A.D. ROBERTSON, Assistant Vice President-External Affairs
Southwestern Bell Telephone Company
St. Louis, Missouri

No Supplement to this
tariff will be issued
except for the purpose
of canceling this tariff.

Access Services Tariff
Section 7
1st Revised Sheet 75.06
Replacing Original Sheet 75.06

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Rate Regulations-(Continued)

(CT)

7.3.12 Competitive Services

A. Rate Bands

MegaLink Data and High Capacity Services Channel Termination and Channel Mileage rates will fall within a lower and upper rate band. Only the monthly rates will fall within these rate bands. Written notice of rate change(s) and its effective date will be sent to the Commission within ten (10) days after the effective date. The rate bands are as follows:

1. MegaLink Data Service	<u>Lower Band</u>	<u>Upper Band</u>
a. Channel Termination		
2.4 kbps	\$ 57.00	\$ 92.85
4.8 kbps	57.00	94.00
9.6 kbps	60.00	92.95
56.0 kbps	115.00	171.35
b. Channel Mileage Fixed		
2.4 kbps		
Mileage Bands		
0	None	None
Over 0 to 4	42.75	62.75
Over 4 to 8	42.75	67.00
Over 8 to 25	42.75	70.45
Over 25 to 50	42.75	73.85
Over 50	42.75	76.85
4.8 kbps		
Mileage Bands		
0	None	None
Over 0 to 4	42.75	63.65
Over 4 to 8	42.75	63.65
Over 8 to 25	42.75	68.85
Over 25 to 50	42.75	69.85
Over 50	42.75	69.85

Issued: February 20, 2002

Effective: March 29, 2002

By JAN NEWTON, President-Missouri
Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Company
St. Louis, Missouri

FILED
MO PSC

CANCELLED - Missouri Public Service Commission - 02/16/2003 - IN-2003-0247

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Access Services Tariff
Section 7
Original Sheet 75.06

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

MAY 6 1994

7.3 Rate Regulations-(Continued)

7.3.12 Transitionally Competitive Services

MISSOURI
Public Service Commission

A. Rate Bands

MegaLink Data and High Capacity Services Channel Termination and Channel Mileage rates will fall within a lower and upper rate band. Only the monthly rates will fall within these rate bands. Written notice of rate change(s) and its effective date will be sent to the Commission within ten (10) days after the effective date. The rate bands are as follows:

1. MegaLink Data Service	<u>Lower Band</u>	<u>Upper Band</u>
a. Channel Termination		
2.4 kbps	\$ 57.00	\$ 92.85
4.8 kbps	57.00	94.00
9.6 kbps	60.00	92.95
56.0 kbps	115.00	171.35
b. Channel Mileage Fixed		
2.4 kbps		
Mileage Bands		
0	None	None
Over 0 to 4	42.75	62.75
Over 4 to 8	42.75	67.00
Over 8 to 25	42.75	70.45
Over 25 to 50	42.75	73.85
Over 50	42.75	76.85
4.8 kbps		
Mileage Bands		
0	None	None
Over 0 to 4	42.75	63.65
Over 4 to 8	42.75	63.65
Over 8 to 25	42.75	68.85
Over 25 to 50	42.75	69.85
Over 50	42.75	69.85

CANCELLED

MAR 29 2002

MISSOURI
Public Service Commission

Issued: APR 06 1995

Effective: APR 11 1995

By M. H. SCHULTEIS, Division Manager-Regulatory & Industry Relations
Southwestern Bell Telephone
St. Louis, Missouri

FILED

APR 11 1995
94-364
PUBLIC SERVICE COMM

No Supplement to this
tariff will be issued
except for the purpose
of canceling this tariff.

Access Services Tariff
Section 7
1st Revised Sheet 75.07
Replacing Original Sheet 75.07

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Rate Regulations-(Continued)

(CT) 7.3.12 Competitive Services-(Continued)

A. Rate Bands-(Continued)

1. MegaLink Data Service- (Continued)	<u>Lower Band</u>	<u>Upper Band</u>
------------------------------------------	-------------------	-------------------

b. Channel Mileage Fixed-(Continued)

9.6 kbps

Mileage Bands

0	None	None
Over 0 to 4	\$ 57.00	\$ 87.55
Over 4 to 8	57.00	87.75
Over 8 to 25	57.00	91.95
Over 25 to 50	57.00	94.55
Over 50	57.00	94.55

56 kbps

Mileage Bands

0	None	None
Over 0 to 4	94.00	134.85
Over 4 to 8	94.00	145.15
Over 8 to 25	94.00	160.65
Over 25 to 50	94.00	160.65
Over 50	94.00	161.00

c. Channel Mileage Per Mile

2.4 kbps

Mileage Bands

0	None	None
Over 0 to 4	0.62	2.25
Over 4 to 8	0.62	1.20
Over 8 to 25	0.62	0.75
Over 25 to 50	0.62	0.60
Over 50	0.62	0.55

Issued: February 20, 2002

Effective: March 29, 2002

By JAN NEWTON, President-Missouri
Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Company
St. Louis, Missouri

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MO PSC

CANCELLED - Missouri Public Service Commission - 02/16/2003 - IN-2003-0247

No supplement to this
tariff will be issued
except for the purpose
of canceling this tariff.

Access Services Tariff
Section 7
Original Sheet 75.07

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE--(Continued)

7.3 Rate Regulations--(Continued)

7.3.12 Transitionally Competitive Services--(Continued)

A. Rate Bands--(Continued)

1. MegaLink Data Service--
(Continued)Lower BandUpper Band

b. Channel Mileage Fixed--(Continued)

9.6 kbps

Mileage Bands

0	None	None
Over 0 to 4	\$ 57.00	\$ 87.55
Over 4 to 8	57.00	87.75
Over 8 to 25	57.00	91.95
Over 25 to 50	57.00	94.55
Over 50	57.00	94.55

56 kbps

Mileage Bands

0	None	None
Over 0 to 4	94.00	134.85
Over 4 to 8	94.00	145.15
Over 8 to 25	94.00	160.65
Over 25 to 50	94.00	160.65
Over 50	94.00	161.00

c. Channel Mileage Per Mile

2.4 kbps

Mileage Bands

0	None	None
Over 0 to 4	0.62	2.25
Over 4 to 8	0.62	1.20
Over 8 to 25	0.62	0.75
Over 25 to 50	0.62	0.60
Over 50	0.62	0.55

CANCELLED

MAR 29 2002

75.07
Public Service Commission
MISSOURI

Issued: **APR 06 1995**Effective: **APR 11 1995**

By M. H. SCHULTEIS, Division Manager-Regulatory & Industry Relations
Southwestern Bell Telephone
St. Louis, Missouri

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APR 11 1995
94 - 364
PUBLIC SERVICE COM

No Supplement to this
tariff will be issued
except for the purpose
of canceling this tariff.

Access Services Tariff
Section 7
1st Revised Sheet 75.08
Replacing Original Sheet 75.08

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Rate Regulations-(Continued)

(CT) 7.3.12 Competitive Services-(Continued)

A. Rate Bands-(Continued)

1. MegaLink Data Service- (Continued)	<u>Lower Band</u>	<u>Upper Band</u>
------------------------------------------	-------------------	-------------------

c. Channel Mileage Per Mile-(Continued)

4.8 kbps

Mileage Bands

0	None	None
Over 0 to 4	\$ 0.62	\$1.70
Over 4 to 8	0.62	1.70
Over 8 to 25	0.62	1.05
Over 25 to 50	0.62	1.00
Over 50	0.62	1.00

9.6 kbps

Mileage Bands

0	None	None
Over 0 to 4	1.10	2.65
Over 4 to 8	1.10	2.65
Over 8 to 25	1.10	2.10
Over 25 to 50	1.10	2.00
Over 50	1.10	2.00

56 kbps

Mileage Bands

0	None	None
Over 0 to 4	3.00	8.10
Over 4 to 8	3.00	5.55
Over 8 to 25	3.00	3.60
Over 25 to 50	3.00	3.60
Over 50	3.00	3.60

Issued: February 20, 2002

Effective: March 29, 2002

By JAN NEWTON, President-Missouri
Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Company
St. Louis, Missouri

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MO PSC

No supplement to this
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of canceling this tariff.

Access Services Tariff
Section 7
Original Sheet 75.08

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

MAY 6 1994

7.3 Rate Regulations-(Continued)

MISSOURI
Public Service Commission

7.3.12 Transitionally Competitive Services-(Continued)

A. Rate Bands-(Continued)

1. MegaLink Data Service-
(Continued)Lower BandUpper Band

c. Channel Mileage Per Mile-(Continued)

4.8 kbps

Mileage Bands

0	None	None
Over 0 to 4	\$ 0.62	\$ 1.70
Over 4 to 8	0.62	1.70
Over 8 to 25	0.62	1.05
Over 25 to 50	0.62	1.00
Over 50	0.62	1.00

9.6 kbps

Mileage Bands

0	None	None
Over 0 to 4	1.10	2.65
Over 4 to 8	1.10	2.65
Over 8 to 25	1.10	2.10
Over 25 to 50	1.10	2.00
Over 50	1.10	2.00

56 kbps

Mileage Bands

0	None	None
Over 0 to 4	3.00	8.10
Over 4 to 8	3.00	5.55
Over 8 to 25	3.00	3.60
Over 25 to 50	3.00	3.60
Over 50	3.00	3.60

CANCELLED

MAR 29 2002
154RS 75.08
Public Service Commission
MISSOURI

Issued: APR 06 1995

Effective: APR 11 1995

By M. H. SCHULTEIS, Division Manager-Regulatory & Industry Relations
Southwestern Bell Telephone
St. Louis, Missouri

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APR 11 1995
94 - 364
PUBLIC SERVICE COM

No Supplement to this
tariff will be issued
except for the purpose
of canceling this tariff.

Access Services Tariff
Section 7
1st Revised Sheet 75.09
Replacing Original Sheet 75.09

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Rate Regulations-(Continued)

(CT) 7.3.12 Competitive Services-(Continued)

A. Rate Bands-(Continued)

2. High Capacity Service	<u>Lower Band</u>	<u>Upper Band</u>
a. Channel Termination		
1.544 Mbps	\$147.88	\$225.00
b. Channel Mileage Fixed		
1.544 Mbps		
Mileage Bands		
0	None	None
Over 0 to 4	46.00	100.00
Over 4 to 8	46.00	100.00
Over 8 to 25	46.00	80.00
Over 25 to 50	46.00	80.00
Over 50	46.00	80.00
c. Channel Mileage Per Mile		
1.544 Mbps		
Mileage Bands		
0	None	None
Over 0 to 4	25.00	50.00
Over 4 to 8	25.00	60.00
Over 8 to 25	25.00	60.00
Over 25 to 50	25.00	60.00
Over 50	25.00	60.00

Issued: February 20, 2002

Effective: March 29, 2002

By JAN NEWTON, President-Missouri
Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Company
St. Louis, Missouri

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MO PSC

No supplement to this tariff will be issued except for the purpose of canceling this tariff.

Access Services Tariff
Section 7
Original Sheet 75.09

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

MAY 6 1994

7.3 Rate Regulations-(Continued)

7.3.12 Transitionally Competitive Services-(Continued)

MISSOURI
Public Service Commission

A. Rate Bands-(Continued)

2. High Capacity Service	<u>Lower Band</u>	<u>Upper Band</u>
a. Channel Termination		
1.544 Mbps	\$147.88	\$225.00
b. Channel Mileage Fixed		
1.544 Mbps		
Mileage Bands		
0	None	None
Over 0 to 4	46.00	100.00
Over 4 to 8	46.00	100.00
Over 8 to 25	46.00	80.00
Over 25 to 50	46.00	80.00
Over 50	46.00	80.00
c. Channel Mileage Per Mile		
1.544 Mbps		
Mileage Bands		
0	None	None
Over 0 to 4	25.00	50.00
Over 4 to 8	25.00	60.00
Over 8 to 25	25.00	60.00
Over 25 to 50	25.00	60.00
Over 50	25.00	60.00

CANCELLED

MAR 29 2002
By *ISRS* 75.09
Public Service Commission
MISSOURI

Issued: APR 06 1995

Effective: APR 11 1995

By M. H. SCHULTEIS, Division Manager-Regulatory & Industry Relations
Southwestern Bell Telephone
St. Louis, Missouri

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APR 11 1995
94-364
PUBLIC SERVICE COM

No Supplement to this
tariff will be issued
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of canceling this tariff.

Access Services Tariff
Section 7
5th Revised Sheet 76
Replacing 4th Revised Sheet 76

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges

7.4.1 Metallic Service

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
			<u>1st Ckt</u>	<u>Addl. Ckt</u>
A. Channel Termination				
- Per point of termination	T6ECS	(CR) \$24.00	(CR) 113.00	(CR) 77.00
1. Inside wire charge				
- Per Channel Termination	WMJ	None	None	

B. Channel Mileage

<u>Mileage Bands</u>	<u>USOC</u>	<u>Monthly Rates</u>	
		<u>Fixed</u>	<u>Per Mile</u>
0	1L5XX	None	None
Over 0 to 4	1L5XX	(CR)\$12.00	(CR) .59
Over 4 to 8	1L5XX	12.00	2.20
Over 8 to 25	1L5XX	11.00	3.28
Over 25 to 50	1L5XX	11.00	3.28
Over 50	1L5XX	(CR) 11.00	(CR) 3.28

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
C. Optional Features, BSEs and Functions			
1. Bridging			
a. Three Premises Bridging			
- Per port	BCNM3	(CR)\$5.35	None
b. Series Bridging			
- Per port	BCNMS	(CR) 5.35	None

Issued: **MAY 26, 2000**

Effective: **JUNE 25, 2000**

By JAN NEWTON, President-Missouri
Southwestern Bell Telephone Company
St. Louis, Missouri

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MO PSC

No supplement to this tariff will be issued except for the purpose of canceling this tariff.

Access Services Tariff
Section 7
4th Revised Sheet 76
Replacing 3rd Revised Sheet 76

ACCESS SERVICES

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MAR 23 1993

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges

7.4.1 Metallic Service

MISSOURI
Public Service Commission

	USOC	Monthly Rates	Nonrecurring Charges	
			1st Ckt	Addl. Ckt
A. Channel Termination				
- Per point of termination	T6ECS	\$22.40	105.00	72.00
1. Inside wire charge				
- Per Channel Termination	WMJ	None	None	

B. Channel Mileage

Mileage Bands	USOC	Monthly Rates	
		Fixed	Per Mile
0	1L5XX	None	None
Over 0 to 4	1L5XX	\$11.25	.55
Over 4 to 8	1L5XX	11.25	2.05
Over 8 to 25	1L5XX	10.30	3.05
Over 25 to 50	1L5XX	10.30	3.05
Over 50	1L5XX	10.30	3.05

(AT) C. Optional Features, BSEs and Functions

1. Bridging

- a. Three Premises Bridging
- Per port

BCNM3

\$5.00

None

- b. Series Bridging
- Per port

BCNMS

5.00

None

CANCELLED

JUN 25 2000

By 54 RS 76

Public Service Commission
MISSOURI

Issued: MAR 26 1993

Effective:

APR 11 1993

By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

APR 11 1993
92-304
MO. PUBLIC SERVICE COMM.

No supplement to this tariff will be issued except for the purpose of canceling this tariff.

Access Services Tariff
Section 7
3rd Revised Sheet 76
Replacing 2nd Revised Sheet 76

ACCESS SERVICES

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AUG 9 1991

7. SPECIAL ACCESS SERVICE--(Continued)

7.4 Rates and Charges

MISSOURI
Public Service Commission

7.4.1 Metallic Service

(AT)

	USOC	Monthly Rates	Nonrecurring Charges
			1st Ckt Addl. Ckt
A. Channel Termination			
- Per point of termination	T6ECS	\$22.40	(CR) 105.00 (NR) 72.00
1. Inside wire charge			
- Per Channel Termination	WMJ	None	None
B. Channel Mileage			

Mileage Bands	USOC	Monthly Rates	
		Fixed	Per Mile
0	1L5XX	None	None
Over 0 to 4	1L5XX	\$11.25	2.05
Over 4 to 8	1L5XX	11.25	3.05
Over 8 to 25	1L5XX	10.30	3.05
Over 25 to 50	1L5XX	10.30	3.05
Over 50	1L5XX	10.30	3.05

CANCELLED

APR 11 1993
BY *Th R.S. #76*
Public Service Commission
MISSOURI

	USOC	Monthly Rates	Nonrecurring Charges
C. Optional Features and Functions			
1. Bridging			
a. Three Premises Bridging			
- Per port	BCNM3	\$5.00	None
b. Series Bridging			
- Per port	BCNMS	5.00	None

FILED

SEP 30 1991

Issued: **AUG 9 1991**Effective: **SEP 30 1991**

Public Service Commission

By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

No supplement to this
tariff will be issued
except for the purpose
of canceling this tariff.

Access Services Tariff
Section 7
2nd Revised Sheet 76
Replacing 1st Revised Sheet 76

ACCESS SERVICES

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SEP 25 1989

7. SPECIAL ACCESS SERVICE-(Continued)

(FC) 7.4 Rates and Charges

(FC) 7.4.1 Metallic Service

MISSOURI
Public Service Commissioner

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
A. Channel Termination			
- Per point of termination	T6ECS	(CR)\$22.40	(CR)\$125.00
1. Inside wire charge			
- Per Channel Termination	WMJ	None	None

CANCELLED

B. Channel Mileage

SEP 30 1991

<u>Mileage Bands</u>	<u>USOC</u>	<u>Monthly Rates</u>	
		<u>Fixed</u>	<u>Per Mile</u>
0	1L5XX	None	None
Over 0 to 4	1L5XX	(CR)\$11.25	(CR) .55
Over 4 to 8	1L5XX	11.25	2.05
Over 8 to 25	1L5XX	10.30	3.05
Over 25 to 50	1L5XX	10.30	3.05
Over 50	1L5XX	(CR) 10.30	(CR) 3.05

C. Optional Features and Functions

1. Bridging

a. Three Premises Bridging			
- Per port	BCNM3	\$5.00	None
b. Series Bridging			
- Per port	BCNMS	5.00	None

FILED

OCT 1 1989
89 - 14

Issued: SEP 25 1989

Effective: OCT 1 1989

Public Service Commissioner

By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

No supplement to this tariff will be issued except for the purpose of canceling this tariff.

Access Services Tariff
Section 7
1st Revised Sheet 76
Replacing Original Sheet 76

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges

7.5.1 Metallic Service

A. Channel Termination

- Per point of termination

USOCMonthly Rates

JUN 27 1986

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JUN 27 1986
MISSOURI
Public Service Commission

Nonrecurring Charges

T6ECS

\$14.80

\$75.80

1. Inside wire charge

- Per Channel Termination

WMJ

None

NONE

B. Channel Mileage

Monthly RatesMileage BandsUSOCFixedPer Mile

0

1L5XX

None

None

Over 0 to 4

1L5XX

None

\$18.60

Over 4 to 8

1L5XX

None

18.60

Over 8 to 25

1L5XX

None

18.60

Over 25 to 50

1L5XX

None

18.60

Over 50

1L5XX

None

18.60

C. Optional Features and Functions

USOCMonthly RatesNonrecurring Charges

1. Bridging

a. Three Premises

Bridging

- Per port

BCNM3

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OCT 1 1989

BY 2nd P.S.#76

MISSOURI Public Service Commission

None

b. Series Bridging

- Per port

BCNMS

5.00

None 1986

86-84

Public Service Commission

Issued: JUN 27 1986

Effective: JUL 1 1986

By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

No supplement to this tariff will be issued except for the purpose of canceling this tariff.

Access Services Tariff
Section 7
Original Sheet 76

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

DEC 20 1983

7.2 Technical Service Descriptions for Special Access Service-(Continued)

Public Service Commission

7.2.1 Analog Services-(Continued)

C. Program Audio Services-(Continued)

2. Program Audio 2 (AP2) Special Access Service-(Continued)

b. Illustrative Application

Special Access Service AP2 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Wired Music

c. Optional Features

- Gain Conditioning - control of 1004 Hz AML at initiation of service to $0 \text{ dB} \pm 0.5 \text{ dB}$.
- Central office bridging capability (wired music).

d. Transmission Performance

- Actual Measured Loss (AML)

When the service is initiated, the 1004 Hz AML will be less than 32 dB. With the addition of optional gain conditioning, the AML will be $0 \pm 0.5 \text{ dB}$. Remedial action will be taken when the loss variation at 1004 Hz exceeds the initial AML by $\pm 4.0 \text{ dB}$.

CANCELLED

JUL 1 1986

BY L. R. S. 76
PUBLIC SERVICE COMMISSION
OF MISSOURI

RECEIVED

JAN - 1 1984

83 - 253

Issued: DEC 29 1983

Effective: JAN 0 1 1984

By R. D. BARRON, Vice President-Missouri
Southwestern Bell Telephone Company
St. Louis, Missouri

No Supplement to this tariff will be issued except for the purpose of canceling this tariff.

Access Services Tariff
Section 7
5th Revised Sheet 77
Replacing 4th Revised Sheet 77

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.2 Telegraph Grade Service

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
			<u>1st Ckt</u>	<u>Addl. Ckt</u>
A. Channel Termination				
- Per point of termination				
- Two-Wire	T6E2X	(CR)\$38.00	(CR)167.00	(CR)121.00
- Four-Wire	T6E4X	(CR) 64.25	(CR)167.00	(CR)121.00
1. Inside Wire Charge				
- Per Channel Termination	WMJ	None		None

B. Channel Mileage

<u>Mileage Bands</u>	<u>USOC</u>	<u>Monthly Rates</u>	
		<u>Fixed</u>	<u>Per Mile</u>
0	1L5XX	None	None
Over 0 to 4	1L5XX	(CR) \$22.75	(CR) \$5.80
Over 4 to 8	1L5XX	22.00	5.80
Over 8 to 25	1L5XX	22.00	5.80
Over 25 to 50	1L5XX	23.25	5.80
Over 50	1L5XX	(CR) 61.00	(CR) 4.95

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
C. Optional Features, BSEs and Functions			
1. Telegraph Bridging			
Two-Wire and Four-Wire			
- Per port			
- Two-Wire	BCNT2	(CR)\$6.60	None
- Four-Wire	BCNT4	(CR) 6.60	None

Issued: **MAY 26, 2000**

Effective: **JUNE 25, 2000**

By JAN NEWTON, President-Missouri
Southwestern Bell Telephone Company
St. Louis, Missouri

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Access Services Tariff
Section 7
4th Revised Sheet 77
Replacing 3rd Revised Sheet 77

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE--(Continued)

7.4 Rates and Charges--(Continued)

7.4.2 Telegraph Grade Service

MISSOURI
Public Service Commission

	USOC	Monthly Rates	Nonrecurring Charges	
			1st Ckt	Addl. Ckt
A. Channel Termination				
- Per point of termination				
- Two-Wire	T6E2X	\$35.20	155.00	113.00
- Four-Wire	T6E4X	59.75	155.00	113.00
1. Inside Wire Charge				
- Per Channel Termination	WMJ	None		None

B. Channel Mileage

Mileage Bands	USOC	Monthly Rates	
		Fixed	Per Mile
0	1L5XX	None	None
Over 0 to 4	1L5XX	\$21.25	\$5.40
Over 4 to 8	1L5XX	20.45	5.40
Over 8 to 25	1L5XX	20.50	5.40
Over 25 to 50	1L5XX	21.65	5.40
Over 50	1L5XX	56.77	4.60

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Public Service Commission
MISSOURI

(AT) C. Optional Features, BSEs and Functions

1. Telegraph Bridging
Two-Wire and Four-Wire
- Per port
 - Two-Wire
 - Four-Wire

USOC	Monthly Rates	Nonrecurring Charges
BCNT2	\$6.15	None
BCNT4	6.15	None

Issued: MAR 29 1993

Effective:

APR 11 1993

By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

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92-304

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No supplement to this tariff will be issued except for the purpose of canceling this tariff.

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Replacing 2nd Revised Sheet 77

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7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.2 Telegraph Grade Service

MISSOURI
Public Service Commission

(AT)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
			<u>1st Ckt</u>	<u>Addl. Ckt</u>
A. Channel Termination				
- Per point of termination				
- Two-Wire	T6E2X	\$35.20 (CR)	155.00 (NR)	113.00
- Four-Wire	T6E4X	59.75 (CR)	155.00 (NR)	113.00
1. Inside Wire Charge				
- Per Channel Termination	WMJ	None		None
B. Channel Mileage				

<u>Mileage Bands</u>	<u>USOC</u>	<u>Monthly Rates</u>	
		<u>Fixed</u>	<u>Per Mile</u>
0	1L5XX	None	None
Over 0 to 4	1L5XX	\$21.25	\$5.40
Over 4 to 8	1L5XX	20.45	5.40
Over 8 to 25	1L5XX	20.50	5.40
Over 25 to 50	1L5XX	21.65	5.40
Over 50	1L5XX	56.77	4.60

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Public Service Commission
MISSOURI

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
C. Optional Features and Functions			
1. Telegraph Bridging			
Two-Wire and Four-Wire			
- Per port			
- Two-Wire	BCNT2	\$6.15	None
- Four-Wire	BCNT4	6.15	None

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SEP 30 1991

Issued: **AUG 09 1991**Effective: **SEP 09 1991**
SEP 30 1991

Public Service Commission

By R. D. BARRON, President-Missouri Division
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ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

(F) 7.4 Rates and Charges-(Continued)

(F) 7.4.2 Telegraph Grade Service

MISSOURI
Public Service Commission
Monthly Rates Nonrecurring Charges

A. Channel Termination

- Per point of termination

- Two-Wire

T6E2X (CR)\$35.20

(CR)\$180.00

- Four-Wire

T6E4X (CR) 59.75

(CR) 180.00

1. Inside Wire Charge

- Per Channel Termination

WMJ

None

None

B. Channel Mileage

Mileage BandsUSOCMonthly RatesFixedPer Mile

0

1L5XX

None

None

Over 0 to 4

1L5XX

(CR)\$21.25

\$5.40

Over 4 to 8

1L5XX

20.45

5.40

Over 8 to 25

1L5XX

20.50

5.40

Over 25 to 50

1L5XX

(CR) 21.65

Public Service Commission

Over 50

1L5XX

56.77

(CR) 4.60

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3rd R.S. 77

Public Service Commission

MISSOURI

USOCMonthly RatesNonrecurring Charges

C. Optional Features and Functions

1. Telegraph Bridging

Two-Wire and Four-Wire

- Per port

- Two-Wire

BCNT2

(CR)\$6.15

None

- Four-Wire

BCNT4

(CR) 6.15

None

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Issued: SEP 25 1989

Effective: OCT 1 1989

OCT 1 1989

9 - 14

By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

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Access Services Tariff
Section 7
1st Revised Sheet 77
Replacing Original Sheet 77

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.2 Telegraph Grade Service

A. Channel Termination

- Per point of termination

- Two-Wire

- Four-Wire

1. Inside Wire Charge

- Per Channel Termination

B. Channel Mileage

Mileage Bands

0
Over 0 to 4
Over 4 to 8
Over 8 to 25
Over 25 to 50
Over 50

USOC

T6E2X

T6E4X

WMJ

USOC

1L5XX

1L5XX

1L5XX

1L5XX

1L5XX

1L5XX

Monthly
Rates

\$21.18

35.46

None

Fixed

None

\$14.47

14.47

14.47

14.47

56.77

\$75.80

75.80

None

Monthly RatesPer Mile

None

\$5.40

5.40

5.40

5.40

4.57

C. Optional Features and Functions

1. Telegraph Bridging

Two-Wire and Four-Wire

- Per port

- Two-Wire

- Four-Wire

USOC

BCNT2

BCNT4

Monthly
Rates

\$5.00

5.00

Nonrecurring
Charges

None

None

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OCT 1 1989

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JUL 1 1986

86-84

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Issued: JUN 27 1986

Effective: JUL 1 1986

By R. D. BARRON, President-Missouri Division
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St. Louis, Missouri

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Access Services Tariff
Section 7
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ACCESS SERVICES

DEC 29 1983

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Service-(Continued)

Public Service Commission

7.2.1 Analog Services-(Continued)

C. Program Audio Services-(Continued)

2. Program Audio 2 (AP2) Special Access Service-(Continued)

d. Transmission Performance-(Continued)

- Gain/Frequency Distortion

Over the frequency band from 100 to 5,000 Hz, the gain at any frequency will be 1.0 dB of the gain at 1004 Hz.

- Signal-to-Idle Circuit Noise

The ratio of received 1004 Hz signal power to 15 KHz flat weighted idle circuit noise will be at least 64 dB. The received signal power level is determined by subtracting the channel AML from +18 dBm (the instantaneous peak signal level).

e. Available Facility Interface Combinations

<u>IC</u>	<u>End User</u>	<u>IC</u>	<u>End User</u>
2PG2-5	2PG2-5	2PG2-5	2PG1-5
4DS9-15F(1)	2PG2-5	4DS9-15F(1)	2PG1-5
4AH5-B(2)	2PG2-5	4AH5-B(2)	2PG1-5
4AH6-C(2)	2PG2-5	4AH6-C(2)	2PG1-5
4AH6-D(2)	2PG2-5	4AH6-D(2)	2PG1-5

JUL 1 1986

BY 1st R.S. 77
PUBLIC SERVICE COMMISSION

- (1) Available only to IC's selecting the multiplexed four-wire DSX facility interface option at the IC terminal location and providing subsequent system and channel assignment data.
- (2) Available only to the IC's selecting the multiplexed four-wire High Capacity analog facility interface option at the IC terminal location and providing subsequent system and channel assignment data. Channels 5 and 6 are assigned for AP2.

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Effective: JAN 01 1984

By R. D. BARRON, Vice President-Missouri
Southwestern Bell Telephone Company
St. Louis, Missouri

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Access Services Tariff
Section 7
5th Revised Sheet 78
Replacing 4th Revised Sheet 78

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.3 Voice Grade Service

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
			<u>1st Ckt</u>	<u>Addl. Ckt</u>
A. Channel Termination				
- Per point of termination				
- Two-Wire	T6E2X	(CR) \$27.75	(CR)\$153.00	(CR)113.00
- Four-Wire	T6E4X	(CR) 63.75	(CR) 175.00	(CR)129.00
- Digital WATS Access Line (WAL)*	T6EDX	(CR) 5.95	(CR) 134.00	(CR) 95.00
			<u>Nonrecurring Charges</u>	
- Non-jointly provided WATS Access Line (WAL) two-wire	X2H	(CR) 41.25	(CR) 75.00	
- Non-jointly provided WATS Access Line (WAL) four-wire	X4H	(CR) 65.75	(CR) 75.00	
1. Inside Wire Charge				
- Per Channel Termination	WMJ	None	None	
B. Channel Mileage				
<u>Mileage Bands</u>	<u>USOC</u>	<u>Monthly Rates</u>		
		<u>Fixed</u>	<u>Per Mile</u>	
0	1L5XX	None	None	
Over 0 to 4	1L5XX	(CR) \$20.00	(CR) \$5.30	
Over 4 to 8	1L5XX	19.50	5.30	
Over 8 to 25	1L5XX	19.00	5.30	
Over 25 to 50	1L5XX	18.75	5.30	
Over 50	1L5XX	(CR) 55.75	(CR) 4.49	

*Additive applicable in conjunction with customer ordered Digital High Capacity facility in Paragraph 7.4.7.

Issued: **MAY 26, 2000**

Effective: **JUNE 25, 2000**

By JAN NEWTON, President-Missouri
Southwestern Bell Telephone Company
St. Louis, Missouri

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CANCELLED - Missouri Public Service Commission - 02/16/2003 - IN-2003-0247

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ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE--(Continued)

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7.4 Rates and Charges--(Continued)

7.4.3 Voice Grade Service

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Public Service Commission

(AT)		USOC	Monthly Rates	Nonrecurring Charges	
				1st Ckt	Addl. Ckt
	A. Channel Termination				
	- Per point of termination				
	- Two-Wire	T6E2X	\$ 25.82	(CR)\$142.00	(NR)105.00
	- Four-Wire	T6E4X	59.45	(CR) 163.00	(NR)120.00
(MT)	- Digital WATS Access Line (WAL)*	T6EDX	5.55	(CR) 125.00	(NR) 88.00
				Nonrecurring Charges	
	- Non-jointly provided WATS Access Line (WAL) two-wire	X2H	38.47	69.82	
	- Non-jointly provided WATS Access Line (WAL) four-wire	X4H	61.22	69.82	
(MT)					
	1. Inside Wire Charge				
	- Per Channel Termination	WMJ	None	None	
	B. Channel Mileage				

Mileage Bands

0
Over 0 to 4
Over 4 to 8
Over 8 to 25
Over 25 to 50
Over 50

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USOC	Monthly Rates	
	Fixed	Per Mile
1L5XX	None	None
1L5XX	\$18.65	4.94
1L5XX	18.30	4.94
1L5XX	17.80	4.94
1L5XX	17.45	4.94
1L5XX	51.96	4.18

*Additive applicable in conjunction with customer ordered Digital High Capacity facility in Paragraph 7.4.7.

FILEDIssued: **AUG 09 1991**

Effective:

SEP 09 1991**SEP 30 1991**

By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

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Access Services Tariff
Section 7
3rd Revised Sheet 78
Replacing 2nd Revised Sheet 78

ACCESS SERVICES

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Public Service Commission

7. SPECIAL ACCESS SERVICE-(Continued)

(FC) 7.4 Rates and Charges-(Continued)

(FC) 7.4.3 Voice Grade Service

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
A. Channel Termination			
- Per point of termination			
- Two-Wire	T6E2X	\$25.82	(CR)\$165.00
- Four-Wire	T6E4X	(CR) 59.45	(CR) 190.00
- Non-jointly provided WATS Access Line (WAL) two-wire	X2H	38.47	69.82
- Non-jointly provided WATS Access Line (WAL) four-wire	X4H	61.22	69.82
- Digital WATS Access Line (WAL)*	T6EDX	(CR) 5.55	(CR) 150.00

(DR)
(RT)

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1. Inside Wire Charge

- Per Channel Termination WMJ None

SEP 30 1991

None
BY 4 R.S.F. 78

B. Channel Mileage

Public Service Commission
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<u>Mileage Bands</u>	<u>USOC</u>	<u>Monthly Rates</u>	
		<u>Fixed</u>	<u>Per Mile</u>
0	1L5XX	None	None
Over 0 to 4	1L5XX	(CR)\$18.65	4.94
Over 4 to 8	1L5XX	18.30	4.94
Over 8 to 25	1L5XX	17.80	4.94
Over 25 to 50	1L5XX	(CR) 17.45	4.94
Over 50	1L5XX	51.96	4.18

* Additive applicable in conjunction with customer ordered Digital High Capacity facility in Section 7.4.7.

(FC)
(RT)
(RT)

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OCT 1 1989
89-14

By R.D. BARRON, President-Missouri Division

Southwestern Bell Telephone Company Public Service Commission
St. Louis, Missouri

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Access Services Tariff
Section 7
2nd Revised Sheet 78
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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Voice Grade Service

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Public Service Commission
Nonrecurring
Charges

A. Channel Termination

- Per point of termination

	- Two-Wire	T6E2X	\$25.82	\$78.05
(MT)	- Four-Wire	T6E4X	42.14	78.05
(CT)	- Non-jointly provided WATS Access Line (WAL) two-wire	X2H	38.47	69.82
(CT)	- Non-jointly provided WATS Access Line (WAL) four-wire	X4H	61.22	69.82
(AT)	- Digital WATS Access Line (WAL)*	T6EDX	125.14	69.82
(CT)	- Jointly provided WATS Access Line (WAL)+	DBX	39.07	69.82

1. Inside Wire Charge

- Per Channel Termination

WMJ None term. exp None

B. Channel Mileage

Mileage Bands

0
Over 0 to 4
Over 4 to 8
Over 8 to 25
Over 25 to 50
Over 50

USOC

1L5XX
1L5XX
1L5XX
1L5XX
1L5XX
1L5XX

Fixed

None
\$13.23
13.24
13.24
13.23
51.96

Per Mile

None
4.94
4.94
4.94
4.94
4.18

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OCT 1 1989

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Public Service Commission
MISSOURI

(MT)

(AT) * Additive applicable in conjunction with customer ordered Digital High Capacity facility in Section 7.5.8.

(AT) + Additional charges are specified in the Telephone Company Wide Area Telecommunications Service Tariff.

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Issued: OCT 14 1987

Effective: OCT 16 1987

OCT 16 1987

Public Service Commission

By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

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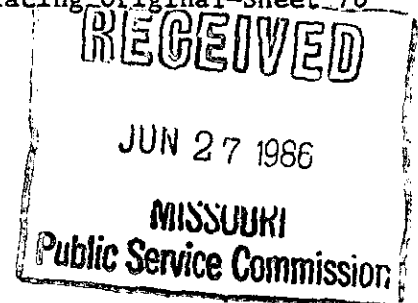
Access Services Tariff
Section 7
1st Revised Sheet 78
Replacing Original Sheet 78

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Voice Grade Service



	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
A. Channel Termination			
- Per point of termination			
- Two-Wire	T6E2X	\$25.82	\$78.05
- Four-Wire	T6E4X	42.14	78.05
1. Inside Wire Charge			
- Per Channel Termination	WMLJ	None	None
B. Channel Mileage			

<u>Mileage Bands</u>	<u>USOC</u>	<u>Monthly Rates</u>	
		<u>Fixed</u>	<u>Per Mile</u>
0	1L5XX	None	None
Over 0 to 4	1L5XX	\$13.23	\$4.94
Over 4 to 8	1L5XX	13.24	4.94
Over 8 to 25	1L5XX	13.24	4.94
Over 25 to 50	1L5XX	13.23	4.94
Over 50	1L5XX	51.96	4.18

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OCT 16 1987
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Public Service Commission
MISSOURI

C. Optional Features and Functions

1. Bridging

a. Voice Bridging

Two-Wire/Four-Wire

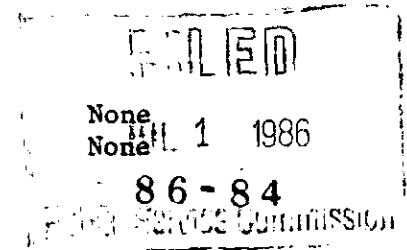
- Per port

- Two-Wire

BCNV2 \$4.92

- Four-Wire

BCNV4 4.92



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By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

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Access Services Tariff
Section 7
Original Sheet 78

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

DEC 29 1983

7.2 Technical Service Descriptions for Special Access Service-(Continued)

Public Service Commission

7.2.1 Analog Services-(Continued)

C. Program Audio Services-(Continued)

3. Program Audio 3 (AP3) Special Access Service

a. Description

Special Access Service AP3 provides a channel with a nominal bandwidth from 50 to 8,000 Hz for the transmission of a complex signal voltage, such as speech or music, between an IC terminal location and an End User's premises. Only one-way transmission is provided.

b. Illustrative Application

Special Access Service AP3 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Wired Music

c. Optional Features

- Gain Conditioning - control of 1004 Hz AML at initiation of service to 0 dB \pm 0.5 dB.
- Central office bridging capability (wired music).

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BY 124 R.S. 78
PUBLIC SERVICE COMMISSION
OF MISSOURI

100-100000-0

JAN 1 1984

83-253

Issued: DEC 29 1983

Effective: JAN 0 1 1984

By R. D. BARRON, Vice President-Missouri
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St. Louis, Missouri

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Access Services Tariff
Section 7
5th Revised Sheet 78.01
Replacing 4th Revised Sheet 78.01

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.3 Voice Grade Service-(Continued)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
			<u>1st Ckt</u>	<u>Addl. Ckt</u>
C. Analog Service to Service Through Connect Arrangement				
Multiplexed Arrangement (Derived from a DS1 multiplexer)	THK	(CR) 8.05	(CR) 98.00	(CR) 87.00
D. Optional Features, BSEs and Functions				
			<u>Nonrecurring Charges</u>	
1. Bridging				
a. Voice Bridging				
Two-Wire/Four-Wire				
- Per port				
- Two-Wire	BCNV2	(CR) \$5.30	None	
- Four-Wire	BCNV4	(CR) 5.30	None	

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Southwestern Bell Telephone Company
St. Louis, Missouri

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Access Services Tariff
Section 7
4th Revised Sheet 78.01
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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE--(Continued)

7.4 Rates and Charges--(Continued)

7.4.3 Voice Grade Service--(Continued)

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		<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
				<u>1st Ckt</u>	<u>Addl. Ckt</u>
C.	Analog Service to Service Through Connect Arrangement				
	Multiplexed Arrangement (Derived from a DS1 multiplexer)	THK	7.50	91.00	81.00
(AT)	D. Optional Features, BSEs and Functions				
				<u>Nonrecurring Charges</u>	
1.	Bridging				
	a. Voice Bridging				
	Two-Wire/Four-Wire				
	- Per port				
	- Two-Wire	BCNV2	\$4.92	None	
	- Four-Wire	BCNV4	4.92	None	

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JUN 25 2000
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Public Service Commission
MISSOURI

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By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

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ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.3 Voice Grade Service-(Continued)

MISSOURI
Public Service Commission

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
			<u>1st Ckt</u>	<u>Addl. Ckt</u>
(AT) C. Analog Service to Service Through Connect Arrangement				
Multiplexed Arrangement (Derived from a DS1 multiplexer)	THK	7.50	(CR) 91.00	(NR) 81.00
D. Optional Features and Functions				

(AT)
(AT)

Nonrecurring
Charges

1. Bridging

a. Voice Bridging

Two-Wire/Four-Wire

- Per port

- Two-Wire

- Four-Wire

BCNV2

\$4.92

None

BCNV4

4.92

None

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Public Service Commission
MISSOURI

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Issued: ~~NOV 0 1991~~

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Access Services Tariff
Section 7
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ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

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7.4 Rates and Charges-(Continued)

MISSOURI
Public Service Commission

7.4.3 Voice Grade Service-(Continued)

		<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(AT)	C. Analog Service to Service Through Connect Arrangement			
	Multiplexed Arrangement (Derived from a DS1 multiplexer)			
(AT)		THK	(NR)7.50	(NR)104.00
(FC)	D. Optional Features and Functions			
	1. Bridging			
	a. Voice Bridging			
	Two-Wire/Four-Wire			
	- Per port			
	- Two-Wire	BCNV2	\$4.92	None
	- Four-Wire	BCNV4	4.92	None

CANCELLED

SEP 30 1991
BY 3rd R.S. #78.01
Public Service Commission
MISSOURI

FILED

Issued: FEB 22 1990

Effective: MAR 26 1990

MAR 26 1990

By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

Public Service Commission

No supplement to this tariff will be issued except for the purpose of canceling this tariff.

Access Services Tariff
Section 7
1st Revised Sheet 78.01
Replacing Original Sheet 78.01

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

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SEP 25 1989

(FC) 7.4 Rates and Charges-(Continued)

(FC) 7.4.3 Voice Grade Service-(Continued)

MISSOURI
Public Service Commission

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
C. Optional Features and Functions			
1. Bridging			
a. Voice Bridging			
Two-Wire/Four-Wire			
- Per port			
- Two-Wire	BCNV2	\$4.92	None
- Four-Wire	BCNV4	4.92	None

CANCELLED

MAR 26 1990
BY 2nd R.S. #78.01
Public Service Commission
MISSOURI

FILED

Issued: SEP 25 1989

Effective: OCT 1 1989 OCT 1 1989

By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

89-14
Public Service Commission

No supplement to this tariff will be issued except for the purpose of canceling this tariff.

Access Services Tariff
Section 7
Original Sheet 78.01

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Voice Grade Service-(Continued)

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Public Service Commissior

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(MT) C. Optional Features and Functions			
1. Bridging			
a. Voice Bridging			
Two-Wire/Four-Wire			
- Per port			
- Two-Wire	BCNV2	\$4.92	None
- Four-Wire	BCNV4	4.92	None

CANCELLED

OCT 1 1989
BY MR. S. # 78.01
Public Service Commission
MISSOURI

FILED

OCT 16 1987

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Public Service Commission

Issued: OCT 14 1987

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By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

No Supplement to this
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of canceling this tariff.

Access Services Tariff
Section 7
5th Revised Sheet 79
Replacing 4th Revised Sheet 79

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.3 Voice Grade Service-(Continued)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
D. Optional Features, BSEs and Functions-(Continued)			
1. Bridging-(Continued)			
b. Data Bridging			
Two-Wire/Four-Wire			
- Per port			
- Two-Wire	BCND2	(CR) \$ 5.30	None
- Four-Wire	BCND4	(CR) 5.30	None
c. DATAPHONE Select-A- Station Bridging			
Sequential Arrange- ment Ports			
- Per two-wire channel connected	DQ2	(CR) 6.70	None
- Per four-wire channel connected	DQ4	(CR) 45.75	None

Issued: **MAY 26, 2000**

Effective: **JUNE 25, 2000**

By JAN NEWTON, President-Missouri
Southwestern Bell Telephone Company
St. Louis, Missouri

FILED
MO PSC

CANCELLED - Missouri Public Service Commission - 02/16/2003 - IN-2003-0247

No supplement to this tariff will be issued except for the purpose of canceling this tariff.

Access Services Tariff
Section 7
4th Revised Sheet 79
Replacing 3rd Revised Sheet 79

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE--(Continued)

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7.4 Rates and Charges--(Continued)

MAR 29 1993

7.4.3 Voice Grade Service--(Continued)

MISSOURI
Public Service Commission

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(AT) D. Optional Features, BSEs and Functions--(Continued)			
1. Bridging--(Continued)			
b. Data Bridging			
Two-Wire/Four-Wire			
- Per port			
- Two-Wire	BCND2	\$ 4.92	None
- Four-Wire	BCND4	4.92	None
c. DATAPHONE Select-A-Station Bridging			
Sequential Arrange-ment Ports			
- Per two-wire channel connected	DQ2	6.26	None
- Per four-wire channel connected	DQ4	42.66	None

CANCELLED

JUN 25 2000

By 545 RS 79
Public Service Commission
MISSOURI

Issued: MAR 29 1993

Effective:

APR 11 1993

By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

FILED
APR 11 1993
92-304
MO. PUBLIC SERVICE COMM.

No supplement to this tariff will be issued except for the purpose of canceling this tariff.

Access Services Tariff
Section 7
3rd Revised Sheet 79
Replacing 2nd Revised Sheet 79

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE--(Continued)

FEB 20 1990

7.4 Rates and Charges--(Continued)

MISSOURI

7.4.3 Voice Grade Service--(Continued)

Public Service Commission

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(FC) D. Optional Features and Functions--(Continued)			
1. Bridging--(Continued)			
b. Data Bridging			
Two-Wire/Four-Wire			
- Per port			
- Two-Wire	BCND2	\$ 4.92	None
- Four-Wire	BCND4	4.92	None
c. DATAPHONE Select-A-Station Bridging			
Sequential Arrange-ment Ports			
- Per two-wire channel connected	DQ2	6.26	None
- Per four-wire channel connected	DQ4	42.66	None

CANCELLED
APR 11 1993
BY H.R.S. #179
Public Service Commission
MISSOURI

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Effective: MAR 26 1990

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By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

MAR 26 1990
Public Service Commission

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Access Services Tariff
Section 7
2nd Revised Sheet 79
Replacing 1st Revised Sheet 79

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

SEP 25 1989

(FC) 7.4 Rates and Charges-(Continued)

(FC) 7.4.3 Voice Grade Service-(Continued)

MISSOURI
Public Service Commission

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
C. Optional Features and Functions-(Continued)			
1. Bridging-(Continued)			
b. Data Bridging			
Two-Wire/Four-Wire			
- Per port			
- Two-Wire	BCND2	\$ 4.92	None
- Four-Wire	BCND4	4.92	None
c. DATAPHONE Select-A-Station Bridging			
Sequential Arrange-ment Ports			
- Per two-wire channel connected	D02	6.26	None
- Per four-wire channel connected	D04	42.66	None

CANCELLED

MAR 26 1990
BY 328 R.S.#79
Public Service Commission
MISSOURI

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89-14

By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

No supplement to this tariff will be issued except for the purpose of canceling this tariff.

Access Services Tariff
Section 7
1st Revised Sheet 79
Replacing Original Sheet 79

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Voice Grade Service-(Continued)



C. Optional Features and Functions-(Continued)

1. Bridging-(Continued)

b. Data Bridging

Two-Wire/Four-Wire

- Per port

- Two-Wire

BCND2

\$ 4.92

None

- Four-Wire

BCND4

4.92

None

c. DATAPHONE Select-A-Station Bridging

Sequential Arrangement Ports

- Per two-wire channel connected

DQ2

6.26

None

- Per four-wire channel connected

DQ4

42.66

None

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OCT 1 1989
BY 2nd R.S.#79
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MISSOURI

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JUL 1 1986

86-84

Public Service Commission

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By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

No supplement to this tariff will be issued except for the purpose of canceling this tariff.

Access Services Tariff
Section 7
Original Sheet 79

ACCESS SERVICES

DEC 20 1983

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Service-(Continued)

7.2.1 Analog Services-(Continued)

C. Program Audio Services-(Continued)

3. Program Audio 3 (AP3) Special Access Service-(Continued)

d. Transmission Performance-(Continued)

- Actual Measured Loss (AML)

When the service is initiated, the 1004 Hz AML will be less than 32 dB. With the addition of optional gain conditioning, the initial AML will be 0 ± 0.5 dB. Remedial action will be taken when the loss variation at 1004 Hz exceeds the initial AML by ± 4.0 dB.

- Gain/Frequency Distortion

Over the frequency band from 50 to 8,000 Hz, the gain at any frequency will be within 1 dB of the gain at 1004 Hz.

- Signal-to-Idle Circuit Noise

The ratio of received 1004 Hz signal power to 15 kHz flat weighted idle circuit noise will be at least 62 dB. The received signal power level is determined by subtracting the channel AML from +18 dBm (the instantaneous peak signal level).

CANCELLED

JUL 1 1986

BY 124 R.S. 79
PUBLIC SERVICE COMMISSION
OF MISSOURI

JAN - 1 1984
83 - 253

Issued: DEC 29 1983

Effective: JAN 01 1984

By R. D. BARRON, Vice President-Missouri
Southwestern Bell Telephone Company
St. Louis, Missouri

No Supplement to this
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of canceling this tariff.

Access Services Tariff
Section 7
5th Revised Sheet 80
Replacing 4th Revised Sheet 80

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.3 Voice Grade Service-(Continued)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
D. Optional Features, BSEs and Functions-(Continued)			
1. Bridging-(Continued)			
c. DATAPHONE Select-A- Station Bridging- (Continued)			
Addressable Arrangement Ports			
- Per two-wire channel connected	KQ2	(CR) \$ 6.70	None
- Per four-wire channel connected	KQ4	(CR) 45.75	None
d. Telemetry and Alarm Bridging			
Active Bridging Channel Connections			
Split Band			
- Per channel connected	CNLRX	(CR) 2.10	None
Summation			
- Per channel connected	BCNSA	(CR) 3.19	None

Issued: **MAY 26, 2000**

Effective: **JUNE 25, 2000**

By JAN NEWTON, President-Missouri
Southwestern Bell Telephone Company
St. Louis, Missouri
P.S.C. Mo.-No. 36

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MO PSC

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No supplement to this tariff will be issued except for the purpose of canceling this tariff.

Access Services Tariff
Section 7
4th Revised Sheet 80
Replacing 3rd Revised Sheet 80

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.3 Voice Grade Service-(Continued)

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MISSOURI
Public Service Commission

		<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(AT)	D. Optional Features, BSEs and Functions-(Continued)			
	1. Bridging-(Continued)			
	c. DATAPHONE Select-A-Station Bridging-(Continued)			
	Addressable Arrangement Ports			
	- Per two-wire channel connected	KQ2	\$ 6.26	None
	- Per four-wire channel connected	KQ4	42.66	None
	d. Telemetry and Alarm Bridging			
	Active Bridging Channel Connections			
	Split Band			
	- Per channel connected	CNLRX	1.95	None
	Summation			
	- Per channel connected	BCNSA	2.97	None

CANCELLED

JUN 25 2000
By 54 RS 80
Public Service Commission
MISSOURI

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Effective:

By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

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Access Services Tariff
Section 7
3rd Revised Sheet 80
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ACCESS SERVICES

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MISSOURI

Public Service Commission

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.3 Voice Grade Service-(Continued)

USOC	Monthly Rates	Nonrecurring Charges
------	---------------	----------------------

(FC) D. Optional Features and Functions-(Continued)

1. Bridging-(Continued)

c. DATAPHONE Select-A-Station Bridging-(Continued)

Addressable
Arrangement Ports

- Per two-wire channel
connected

K02

\$ 6.26

None

- Per four-wire channel
connected

K04

42.66

None

d. Telemetry and Alarm Bridging

Active Bridging
Channel Connections

Split Band

- Per channel
connected

CNLRX

1.95

None

Summation

- Per channel
connected

BCNSA

2.97

None

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APR 11 1993
BY *th R.S. #80*
Public Service Commission
MISSOURI

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Effective: MAR 26 1990

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By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

MAR 26 1990

Public Service Commission

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Access Services Tariff
Section 7
2nd Revised Sheet 80
Replacing 1st Revised Sheet 80

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE--(Continued)

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(FC) 7.4 Rates and Charges--(Continued)

SEP 25 1989

(FC) 7.4.3 Voice Grade Service--(Continued)

MISSOURI
Public Service Commission

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
C. Optional Features and Functions--(Continued)			
1. Bridging--(Continued)			
c. DATAPHONE Select-A- Station Bridging- (Continued)			
Addressable Arrangement Ports			
- Per two-wire channel connected	KQ2	\$ 6.26	None
- Per four-wire channel connected	KQ4	42.66	None
d. Telemetry and Alarm Bridging			
Active Bridging Channel Connections			
Split Band			
- Per channel connected	CNLRX (CR)	1.95	None
Summation			
- Per channel connected	BCNSA	2.97	None

CANCELLED

MAR 26 1990
BY 3rd R.S.#80
Public Service Commission
MISSOURI

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Effective: OCT 1 1989

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By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company Public Service Commission
St. Louis, Missouri

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No supplement to this tariff will be issued except for the purpose of canceling this tariff.

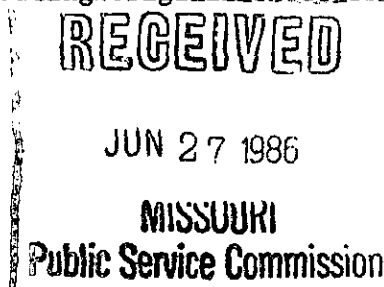
Access Services Tariff
Section 7
1st Revised Sheet 80
Replacing Original Sheet 80

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

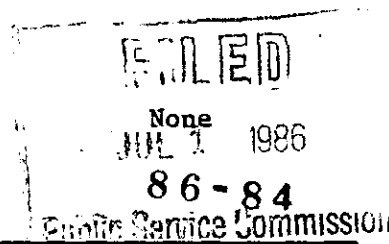
7.5 Rates and Charges-(Continued)

7.5.3 Voice Grade Service-(Continued)



	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
C. Optional Features and Functions-(Continued)			
1. Bridging-(Continued)			
c. DATAPHONE Select-A-Station Bridging-(Continued)			
Addressable Arrangement Ports			
- Per two-wire channel connected	KQ2	\$ 6.26	None
- Per four-wire channel connected	KQ4	42.66	None
d. Telemetry and Alarm Bridging			
Active Bridging Channel Connections			
Split Band			
- Per channel connected	CNLRX	1.05	None
Summation			
- Per channel connected	BCNSA	2.97	None

CANCELLED
OCT 1 1989
BY 2ms R.S.#80
Public Service Commission
MISSOURI



Issued: JUN 27 1986

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By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

No supplement to this tariff will be issued except for the purpose of canceling this tariff.

Access Services Tariff
Section 7
Original Sheet 80

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Service-(Continued) 20113

7.2.1 Analog Services-(Continued)

C. Program Audio Services-(Continued)

3. Program Audio 3 (AP3) Special Access Service-(Continued)

e. Available Facility Interface Combinations

<u>IC</u>	<u>End User</u>	<u>IC</u>	<u>End User</u>
2PG2-8	2PG2-8	2PG2-8	2PG1-8
4DS9-15G(1)	2PG2-8	4DS9-15G(1)	2PG1-8
4AH5-B(2)	2PG2-8	4AH5-B(2)	2PG1-8
4AH6-C(2)	2PG2-8	4AH6-C(2)	2PG1-8
4AH6-D(2)	2PG2-8	4AH6-D(2)	2PG1-8

4. Program Audio 4 (AP4) Special Access Service

a. Description

Special Access Service AP4 provides a channel with a nominal bandwidth from 50 to 15,000 Hz for the transmission of a complex signal voltage, such as speech or music, between an IC terminal location and an End User's premises. Only one-way transmission is provided.

b. Illustrative Application

Special Access Service AP4 is suitable for use as part of the facilities required to provide infrastructure telecommunications services such as:

- Wired Music

JUL 1 1986

BY 1213 S. 80

- (1) Available only to IC's selecting the multiplexed four-wire DSX facility interface option at the IC terminal location and providing subsequent system and channel assignment data.
- (2) Available only to the IC's selecting the multiplexed four-wire High Capacity analog facility interface option at the IC terminal location and providing subsequent system and channel assignment data. Channels 5, 6 and 7 are assigned for AP3.

Issued: DEC 29 1983

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By R. D. BARRON, Vice President-Missouri
Southwestern Bell Telephone Company
St. Louis, Missouri