

P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
8th Revised Sheet 1
Replacing 7th Revised Sheet 1

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE

The following list matches the Telephone Company's Basic Service Element (BSE) names to the industry standard names for each BSE.

<u>Telephone Company Names</u>	<u>Generic Name of ONA Service</u>
Bridging	Bridging
- Central Office Bridging Capability - Telegraph(1) Bridging	(CP)
Clear Channel Capability on 1.544 Mbps	Access To Clear Channel Transmission
Conditioning	Conditioning
Extended Superframe Format	Extended Superframe Conditioning
Multiplexing	Multiplexing - Digital
- Central Office Multiplexing	
Secondary Channel Capability	Secondary Channel Capability

(1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024. (AT)

(AT)

(AT)

Issued: May 28, 2021

By CRAIG UNRUH, President - Missouri
St. Louis, Missouri

Effective: June 30, 2021

FILED
Missouri Public
Service Commission
JI-2021-0210

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
7th Revised Sheet 1
Replacing 6th Revised Sheet 1

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE

The following list matches the Telephone Company's Basic Service Element (BSE) names to the industry standard names for each BSE.

Telephone Company Names

Generic Name of ONA Service

(RT)

Bridging

Bridging

- Central Office Bridging Capability
- Telegraph Bridging

Clear Channel Capability on
1.544 Mbps

Access To Clear Channel
Transmission

Conditioning

Conditioning

Extended Superframe Format

Extended Superframe Conditioning

Multiplexing

Multiplexing - Digital

- Central Office Multiplexing

Secondary Channel Capability

Secondary Channel
Capability

Issued: November 9, 2011

Effective: December 9, 2011

CANCELLED
June 30, 2021
Missouri Public
Service Commission
JI-2021-0210

By JOHN SONDAG, President - Missouri
St. Louis, Missouri

FILED
Missouri Public
Service Commission
JI-2012-0208

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

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE

(AT) The following list matches the Telephone Company's Basic Service Element (BSE) names to the industry standard names for each BSE.

<u>Telephone Company Names</u>	<u>Generic Name of ONA Service</u>
Automatic Loop Transfer	Automatic Protection Switching
Bridging	Bridging
- Central Office Bridging Capability	
- Telegraph Bridging	
Clear Channel Capability on 1.544 Mbps	Access To Clear Channel Transmission
Conditioning	Conditioning
Extended Superframe Format	Extended Superframe Conditioning
Multiplexing	Multiplexing - Digital
- Central Office Multiplexing	
Secondary Channel Capability	Secondary Channel Capability

(AT)

(MT)

Issued: March 26, 1993

Effective: April 11, 1993

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

CANCELLED
December 9, 2011
Missouri Public
Service Commission
JI-2012-0208

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

Access Services Tariff
Section 7
5th Revised Sheet 1
Replacing 4th Revised Sheet 1

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE

7.1 General

Special Access Service with the exception of the WATS Access Line and Network Reconfiguration Service provides a transmission path to connect customer (IC) designated premises(1), either directly or through a Telephone Company Hub where bridging, multiplexing or Network Reconfiguration Service functions are performed. The WATS Access Line, offered under Voice Grade Service, provides a transmission path connecting a customer-designated premises with the WATS serving office. Network Reconfiguration Service, found in Section 19, following, works in conjunction with Special Access Service allowing customers the ability to reconfigure their circuits. Special Access Service includes all exchange access not utilizing Telephone Company end office switches.

The connections provided by Special Access Service can be either analog or digital. Analog connections are differentiated by spectrum and bandwidth. Digital connections are differentiated by bit rate.

7.1.1 Channel Types

There are eight types of channels used to provide Special Access Services. Each type has its own characteristics. All are subdivided by one or more of the following:

- Transmission specifications,
- Bandwidth,
- Speed (i.e., bit rate),
- Spectrum.

Customers can order a basic channel and select from a list of available transmission parameters and channel interfaces, those that they desire to meet specific communications requirements.

CANCELLED

APR 11 1993
BY 6th R.S. #1
Public Service Commission
MISSOURI

(1) Telephone Company Centrex CO-like switches and Telephone Company Answering Service concentrators are considered to be customer premises for purposes of administering regulations and rates contained in this Tariff.

DEC 4 1992

Issued: **OCT - 5 1992**

Effective: **DEC - 4 1992**

~~OCT - 5 1992~~

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

4th Revised Sheet 1

Replacing ~~3rd Revised Sheet 1~~

ACCESS SERVICES

MAY 29 1991

MISSOURI

Public Service Commission

7. SPECIAL ACCESS SERVICE

7.1 General

- (AT) Special Access Service with the exception of the WATS Access Line and
- (AT) Network Reconfiguration Service, provides a transmission path to connect
- (AT) customer (IC) designated premises(1), either directly or through a Telephone
- (AT) Company Hub where bridging, multiplexing or Network Reconfiguration Service
- (AT) functions are performed. The WATS Access Line, offered under Voice Grade
- (AT) Service, provides a transmission path connecting a customer designated
- (AT) premises with the WATS serving office. Network Reconfiguration Service,
- (AT) found in Section 19, following, works in conjunction with Special Access
- (AT) Service allowing customers the ability to reconfigure their circuits.
- (AT) Special Access Service includes all exchange access not utilizing Telephone
- (AT) Company end-office switches.

The connections provided by Special Access Service can be either analog or digital. Analog connections are differentiated by spectrum and bandwidth. Digital connections are differentiated by bit rate.

7.1.1 Channel Types

There are nine types of channels used to provide Special Access Services. Each type has its own characteristics. All are subdivided by one or more of the following:

- Transmission specifications,
- Bandwidth,
- Speed (i.e., bit rate),
- Spectrum.

Customers can order a basic channel and select from a list of available transmission parameters and channel interfaces, those that they desire to meet specific communications requirements.

CANCELLED

DEC 4 1992

BY Sth R.S. #1

Public Service Commission
MISSOURI

- (1) Telephone Company Centrex CO-like switches and Telephone Company Answering Service concentrators are considered to be customer premises for purposes of administering regulations and rates contained in this Tariff.

Issued: JUN 04 1991

Effective: AUG 05 1991

FILED

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

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
3rd Revised Sheet 1
Replacing 2nd Revised Sheet 1

ACCESS SERVICES

RECEIVED

7. SPECIAL ACCESS SERVICE

OCT 13 1987

7.1 General

MISSOURI

Public Service Commission

(AT) Special Access Service with the exception of the WATS Access Line provides a transmission path to connect customer (IC) designated premises(1), either directly or through a Telephone Company Hub where bridging or multiplexing functions are performed. The WATS Access Line, offered under Voice Grade Service, provides a transmission path connecting a customer designated premises with the WATS serving office. Special Access Service includes all exchange access not utilizing Telephone Company end office switches.

The connections provided by Special Access Service can be either analog or digital. Analog connections are differentiated by spectrum and bandwidth. Digital connections are differentiated by bit rate.

7.1.1 Channel Types

There are nine types of channels used to provide Special Access Services. Each type has its own characteristics. All are subdivided by one or more of the following:

- Transmission specifications,
- Bandwidth,
- Speed (i.e., bit rate),
- Spectrum.

Customers can order a basic channel and select from a list of available transmission parameters and channel interfaces, those that they desire to meet specific communications requirements.

CANCELLED

AUG 2 1991
BY 4th Reg #1

Public Service Commission
MISSOURI

(1) Telephone Company Centrex CO-like switches and Telephone Company Answering Service concentrators are considered to be customer premises for purposes of administering regulations and rates contained in this Tariff. FILED

Issued: OCT 14 1987

Effective: OCT 16 1987 TO-87-42

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 1
Replacing 1st Revised Sheet 1

(CP)ACCESS SERVICES

RECEIVED
JUN 27 1986
MISSOURI
Public Service Commission

7. SPECIAL ACCESS SERVICE

7.1 General

Special Access Service provides a transmission path to (IC) designated premises(1), either directly or through a Telephone Company Hub where bridging or multiplexing functions are performed. Special Access Service includes all exchange access not utilizing Telephone Company end office switches.

The connections provided by Special Access Service can be either analog or digital. Analog connections are differentiated by spectrum and bandwidth. Digital connections are differentiated by bit rate.

7.1.1 Channel Types

There are nine types of channels used to provide Special Access Services. Each type has its own characteristics. All are subdivided by one or more of the following:

- Transmission specifications,
- Bandwidth,
- Speed (i.e., bit rate),
- Spectrum..

Customers can order a basic channel and select from a list of available transmission parameters and channel interfaces, those that they desire to meet specific communications requirements.

CANCELLED
OCT 16 1987
BY 3207 SA/1
Public Service Commission
MISSOURI

FILED
JUN 1 1986
Public Service Commission

(1) Telephone Company Centrex CO-like switches and Telephone Service concentrators are considered to be customer premises of administering regulations and rates contained in this

Company Answering
Service for 86-84
Tariffs
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 of
1st Revised Sheet
Replacing Original Sheet 1
AUG 1 1984
MISSOURI
Public Service Commission

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE

7.1 General

Special Access Service provides a transmission path to directly connect an IC terminal location and an End User's premises(1), two IC terminal locations, an IC terminal location and a Hub, two End User's premises or an End User's premises and a WATS or WATS-type serving office(2). Special Access Service includes all exchange access not utilizing Telephone Company end office switches. This type of Access Service is used, for example, by IC's for the provision of Private Line Service.

The connections provided by Special Access Service can be either analog or digital. Analog connections are differentiated by spectrum and bandwidth. Digital connections are differentiated by bit rate. The specific types of services (e.g., Narrowband, Voice Grade, Wideband Digital) provided under Special Access Service are described in Paragraph 7.2, following.

7.1.1 Rate Categories

There are four basic rate categories which apply to Special Access Service:

- Access Connection
- Special Transport
- Features and Functions
- Special Access Line

Unless specifically stated otherwise, each of the rate categories will apply for each Special Access Service provided to an IC.

CANCELLED

JUL 1 1986

BY *grad RS #1*
PUBLIC SERVICE COMMISSION
OF MISSOURI

- (1) Telephone Company Centrex CO-like switches are considered to be End Users' premises for purposes of this Tariff.
- (2) The Special Access Service used to provide the connection between an End User's premises and a WATS or WATS-type serving office is only for use with Feature Group C or D Switched Access Service.

(CT)

OCT 15 1984
Public Service Commission

Issued: AUG 15 1984

Effective: OCT 15 1984

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 1

RECEIVED
DEC 29 1983
MISSOURI
Public Service Commission

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE

7.1 General

Special Access Service provides a transmission path to directly connect an IC terminal location and an End User's premises(1), two IC terminal locations, an IC terminal location and a Hub, two End User's premises or an End User's premises and a WATS or WATS-type serving office(2). Special Access Service includes all exchange access not utilizing Telephone Company end office switches. This type of Access Service is used, for example, by IC's for the provision of Private Line Service.

The connections provided by Special Access Service can be either analog or digital. Analog connections are differentiated by spectrum and bandwidth. Digital connections are differentiated by bit rate. The specific types of services (e.g., Narrowband, Voice Grade, Wideband Digital) provided under Special Access Service are described in Paragraph 7.2, following.

7.1.1 Rate Categories

There are four basic rate categories which apply to Special Access Service:

- Access Connection
- Special Transport
- Features and Functions
- Special Access Line

Unless specifically stated otherwise, each of the rate categories will apply for each Special Access Service provided to an IC.

CANCELLED

OCT 15 1984

BY 10th RS 1
PUBLIC SERVICE COMMISSION
OF MISSOURI

FILED

JAN - 1 1984
83 - 253

Public Service Commission

- (1) Telephone Company Centrex CO-like switches are considered to be End Users' premises for purposes of this Tariff.
- (2) The Special Access Service used to provide the connection between an End User's premises and a WATS serving office is only for use with Feature Group C or D Switched Access Service.

Issued: DEC 29 1983

Effective: JAN 01 1984

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

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE

7.1 General

Special Access Service with the exception of the WATS Access Line(2) and Network Reconfiguration Service, provides a transmission path to connect customer (IC) designated premises (1), either directly or through a Telephone Company Hub where bridging, multiplexing, Network Reconfiguration Service or Frame Relay Service functions are performed. The WATS Access Line(2), offered under Voice Grade(2) Service, provides a transmission path connecting a customer designated premises with the WATS serving office. Network Reconfiguration Service found in Section 19, following, work in conjunction with Special Access Service allowing customers the ability to reconfigure their circuits. Frame Relay Service is found in Section 16. Special Access Service includes all exchange access not utilizing Telephone Company end-office switches. (CP)

The connections provided by Special Access Service can be either analog or digital. Analog connections are differentiated by spectrum and bandwidth. Digital connections are differentiated by bit rate. (CP)

7.1.1 Channel Types

There are nine types of channels used to provide Special Access Services. Each type has its own characteristics. All are subdivided by one or more of the following:

- Transmission specifications,
- Bandwidth,
- Speed (i.e., bit rate),
- Spectrum.

Customers can order a basic channel and select from a list of available transmission parameters and channel interfaces, those that they desire to meet specific communications requirements.

- (1) Telephone Company Centrex CO-like switches and Telephone Company Answering Service concentrators are considered to be customer premises for purposes of administering regulations and rates contained in this Tariff.
- (2) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024. (AT)

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

Access Services Tariff
Section 7
4th Revised Sheet 1.01
Replacing 3rd Revised Sheet 1.01

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE

7.1 General

(RT) Special Access Service with the exception of the WATS Access Line and Network Reconfiguration Service, provides a transmission path to connect customer (IC) designated premises (1), either directly or through a Telephone Company Hub where bridging, multiplexing, Network Reconfiguration Service or Frame Relay Service functions are performed. The WATS Access Line, offered under Voice Grade Service, provides a transmission path connecting a customer designated premises with the WATS serving office. Network Reconfiguration Service (RT) found in Section 19, following, work in conjunction with Special Access Service allowing customers the ability to reconfigure their circuits. Frame Relay Service is found in Section 16. Special Access Service includes all exchange access not utilizing Telephone Company end-office switches.

The connections provided by Special Access Service can be either analog or digital. Analog connections are differentiated by spectrum and bandwidth. Digital connections are differentiated by bit rate.

7.1.1 Channel Types

There are nine types of channels used to provide Special Access Services. Each type has its own characteristics. All are subdivided by one or more of the following:

- Transmission specifications,
- Bandwidth,
- Speed (i.e., bit rate),
- Spectrum.

Customers can order a basic channel and select from a list of available transmission parameters and channel interfaces, those that they desire to meet specific communications requirements.

- (1) Telephone Company Centrex CO-like switches and Telephone Company Answering Service concentrators are considered to be customer premises for purposes of administering regulations and rates contained in this Tariff.

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

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

Access Services Tariff
Section 7
3rd Revised Sheet 1.01
Replacing 2nd Revised Sheet 1.01

RECEIVED

ACCESS SERVICES

AUG 26 1994

7. SPECIAL ACCESS SERVICE

7.1 General

MO. PUBLIC SERVICE COMM.

(AT) Special Access Service with the exception of the WATS Access Line and Network Reconfiguration Service, provides a transmission path to connect customer (IC) designated premises(1), either directly or through a Telephone Company Hub where bridging, multiplexing, Network Reconfiguration Service, Transport Resource Management Service or Frame Relay Service functions are performed. The WATS Access Line, offered under Voice Grade Service, provides a transmission path connecting a customer designated premises with the WATS serving office. Network Reconfiguration Service and Transport Resource Management Service, found in Section 19, following, work in conjunction with Special Access Service allowing customers the ability to reconfigure their circuits. Frame Relay Service is found in Section 16. Special Access Service includes all exchange access not utilizing Telephone Company end-office switches.

The connections provided by Special Access Service can be either analog or digital. Analog connections are differentiated by spectrum and bandwidth. Digital connections are differentiated by bit rate.

7.1.1 Channel Types

There are nine types of channels used to provide Special Access Services. Each type has its own characteristics. All are subdivided by one or more of the following:

- Transmission specifications,
- Bandwidth,
- Speed (i.e., bit rate),
- Spectrum.

Customers can order a basic channel and select from a list of available transmission parameters and channel interfaces, those that they desire to meet specific communications requirements

CANCELLED

FEB 02 2003
4 HRS 1.01
Public Service Commission
MISSOURI

(1) Telephone Company Centrex CO-like switches and Telephone Company Answering Service concentrators are considered to be customer premises for purposes of administering regulations and rates contained in this Tariff.

FILED

SEP 26 1994

Issued: **AUG 26 1994**

Effective: **SEP 26 1994 MISSOURI**

By M. H. SCHULTEIS, Executive Director-External Affairs
Southwestern Bell Telephone
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
2nd Revised Sheet 1.01
Replacing 1st Revised Sheet 1.01

ACCESS SERVICES

RECEIVED

7. SPECIAL ACCESS SERVICE

MAY 24 1994

7.1 General

MISSOURI

Special Access Service with the exception of the Network Reconfiguration Service, provides a transmission path to connect customer (IC) designated premises(1), either directly or through a Telephone Company Hub where bridging, multiplexing, Network Reconfiguration Service or Frame Relay Service functions are performed. The WATS Access Line, offered under Voice Grade Service, provides a transmission path connecting a customer designated premises with the WATS serving office. Network Reconfiguration Service, found in Section 19, following, works in conjunction with Special Access Service allowing customers the ability to reconfigure their circuits. Frame Relay Service is found in Section 16. Special Access Service includes all exchange access not utilizing Telephone Company end-office switches.

(AT)

(AT)

The connections provided by Special Access Service can be either analog or digital. Analog connections are differentiated by spectrum and bandwidth. Digital connections are differentiated by bit rate.

7.1.1 Channel Types

There are nine types of channels used to provide Special Access Services. Each type has its own characteristics. All are subdivided by one or more of the following:

- Transmission specifications,
- Bandwidth,
- Speed (i.e., bit rate),
- Spectrum.

Customers can order a basic channel and select from transmission parameters and channel interfaces. These services are available to meet specific communications requirements.

CANCELLED

SEP 26 1994

2nd R.S. #1.01
Public Service Commission
MISSOURI
FILED

JUL 15 1994

MISSOURI
Public Service Commission

- (1) Telephone Company Centrex CO-like switches and Telephone Company Answering Service concentrators are considered to be customer premises for purposes of administering regulations and rates contained in this Tariff.

Issued: MAY 24 1994

Effective: JUN 24 1994

JUL 15 1994

By M. H. SCHULTEIS, Division Manager-Regulatory & Industry Relations
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 1.01
Replacing Original Sheet 1.01

ACCESS SERVICES

RECEIVED

FEB 9 1993

7. SPECIAL ACCESS SERVICE

7.1 General

MISSOURI
Public Service Commission

Special Access Service with the exception of the WATS Access Line and Network Reconfiguration Service, provides a transmission path to connect customer (IC) designated premises(1), either directly or through a Telephone Company Hub where bridging, multiplexing or Network Reconfiguration Service functions are performed. The WATS Access Line, offered under Voice Grade Service, provides a transmission path connecting a customer designated premises with the WATS serving office. Network Reconfiguration Service, found in Section 19, following, works in conjunction with Special Access Service allowing customers the ability to reconfigure their circuits. Special Access Service includes all exchange access not utilizing Telephone Company end-office switches.

The connections provided by Special Access Service can be either analog or digital. Analog connections are differentiated by spectrum and bandwidth. Digital connections are differentiated by bit rate.

7.1.1 Channel Types

(CT) There are nine types of channels used to provide Special Access Services. Each type has its own characteristics. All are subdivided by one or more of the following:

- Transmission specifications,
- Bandwidth,
- Speed (i.e., bit rate),
- Spectrum.

Customers can order a basic channel and select from a list of available transmission parameters and channel interfaces, those that they desire to meet specific communications requirements.

CANCELLED

JUL 15 1994

BY 2nd R.S. #1.01
Public Service Commission
MISSOURI

- (1) Telephone Company Centrex CO-like switches and Telephone Company Answering Service concentrators are considered to be customer premises for purposes of administering regulations and rates contained in this Tariff.

APR 19 1993

FILED

Issued: FEB 09 1993

Effective: ~~APR 11 1993~~

By A. D. ROBERTSON, Assistant Vice President-External Affairs APR 19 1993
Southwestern Bell Telephone Company
St. Louis, Missouri

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
Original Sheet 1.01

RECEIVED

MAR 29 1993

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE

MISSOURI
Public Service Commission

(MT) 7.1 General

Special Access Service with the exception of the WATS Access Line and Network Reconfiguration Service, provides a transmission path to connect customer (IC) designated premises(1), either directly or through a Telephone Company Hub where bridging, multiplexing or Network Reconfiguration Service functions are performed. The WATS Access Line, offered under Voice Grade Service, provides a transmission path connecting a customer designated premises with the WATS serving office. Network Reconfiguration Service, found in Section 19, following, works in conjunction with Special Access Service allowing customers the ability to reconfigure their circuits. Special Access Service includes all exchange access not utilizing Telephone Company end-office switches.

The connections provided by Special Access Service can be either analog or digital. Analog connections are differentiated by spectrum and bandwidth. Digital connections are differentiated by bit rate.

7.1.1 Channel Types

There are eight types of channels used to provide Special Access Services. Each type has its own characteristics. All are subdivided by one or more of the following:

- Transmission specifications,
- Bandwidth,
- Speed (i.e., bit rate),
- Spectrum.

Customers can order a basic channel and select from a list of available transmission parameters and channel interfaces, those that they desire to meet specific communications requirements.

CANCELLED

APR 19 1993
BY *let R.S. # 1.01*
Public Service Commission
MISSOURI

- (MT) (1) Telephone Company Centrex CO-like switches and Telephone Company Answering Service concentrators are considered to be customer premises for purposes of administering regulations and rates contained in this Tariff.

Issued: MAR 26 1993

Effective:

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

FILED

APR 11 1993

APR 11 1993

92-304

MO. PUBLIC SERVICE COMM.

P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
6th Revised Sheet 2
Replacing 5th Revised Sheet 2

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.1 Channel Types-(Continued)

For purposes of ordering channels, each has been identified as a type of Special Access Service. However, such identification is not intended to limit a customer's use of the channel nor to imply that the channel is limited to a particular use. For example, if a customer's equipment is capable of transmitting voice over a channel that is identified as a Metallic(1) Service in this Tariff, there is no restriction against doing so. (CP)

Following is a brief description of each type of channel:

Metallic(1) - A channel for the transmission of low-speed, varying signals at rates up to 30 baud. (CP)

Telegraph Grade(1) - A channel for the transmission of binary signals at rates of 0 to 75 baud or 0 to 150 baud. (CP)

Voice Grade(1) - A channel for the transmission of analog signals within an approximate bandwidth of 300-3000 Hz. (CP)

(RT)

(RT)

MegaLink Data(1) - A channel for the digital transmission of synchronous serial data at rates of 2.4, 4.8, 9.6 or 56.0 kbps. 56 kbps MegaLink Data channels are also provided in conjunction with Frame Relay Service. (CP)

High Capacity - A channel for the transmission of isochronous serial digital data at rates of 1.544, or 44.736 Mbps. High Capacity (1.544 Mbps) channels are also provided in conjunction with Frame Relay Service.

- (1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024. (AT)

(AT)

Issued: May 28, 2021

By CRAIG UNRUH, President - Missouri
St. Louis, Missouri

Effective: June 30, 2021

FILED
Missouri Public
Service Commission
JI-2021-0210

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
5th Revised Sheet 2
Replacing 4th Revised Sheet 2

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.1 Channel Types-(Continued)

For purposes of ordering channels, each has been identified as a type of Special Access Service. However, such identification is not intended to limit a customer's use of the channel nor to imply that the channel is limited to a particular use. For example, if a customer's equipment is capable of transmitting voice over a channel that is identified as a Metallic Service in this Tariff, there is no restriction against doing so.

Following is a brief description of each type of channel:

Metallic - A channel for the transmission of low-speed, varying signals at rates up to 30 baud.

Telegraph Grade - A channel for the transmission of binary signals at rates of 0 to 75 baud or 0 to 150 baud.

Voice Grade - A channel for the transmission of analog signals within an approximate bandwidth of 300-3000 Hz.

Wideband Analog - A channel for the transmission of wideband signals. The bandwidths are from 60 to 108 kHz (Group), from 312 to 552 kHz (Supergroup), from 564 to 3084 kHz (Mastergroup), from 300 Hz to 18 kHz, from 29 to 44 kHz or from 28 to 44 kHz.

Wideband Data - An analog channel for the transmission of synchronous serial data at rates of 19.2, 50.0 or 230.4 kbps or asynchronous serial data at rates of up to 19.2, 50.0 or 230.4 kbps.

MegaLink Data - A channel for the digital transmission of synchronous serial data at rates of 2.4, 4.8, 9.6 or 56.0 kbps. 56 kbps MegaLink Data channels are also provided in conjunction with Frame Relay Service.

High Capacity - A channel for the transmission of isochronous serial digital data at rates of 1.544, or 44.736 Mbps. High Capacity (1.544 Mbps) channels are also provided in conjunction with Frame Relay Service.

(RT)
(RT)
(RT)

Issued: July 19, 2012

Effective: August 18, 2012

CANCELLED
June 30, 2021
Missouri Public
Service Commission
JI-2021-0210

By JOHN SONDAG, President - Missouri
St. Louis, Missouri

FILED
Missouri Public
Service Commission
JI-2013-0048

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

Access Services Tariff
Section 7
4th Revised Sheet 2
Replacing 3rd Revised Sheet 2

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.1 Channel Types-(Continued)

For purposes of ordering channels, each has been identified as a type of Special Access Service. However, such identification is not intended to limit a customer's use of the channel nor to imply that the channel is limited to a particular use. For example, if a customer's equipment is capable of transmitting voice over a channel that is identified as a Metallic Service in this Tariff, there is no restriction against doing so.

Following is a brief description of each type of channel:

Metallic - A channel for the transmission of low-speed, varying signals at rates up to 30 baud.

Telegraph Grade - A channel for the transmission of binary signals at rates of 0 to 75 baud or 0 to 150 baud.

Voice Grade - A channel for the transmission of analog signals within an approximate bandwidth of 300-3000 Hz.

Wideband Analog - A channel for the transmission of wideband signals. The bandwidths are from 60 to 108 kHz (Group), from 312 to 552 kHz (Supergroup), from 564 to 3084 kHz (Mastergroup), from 300 Hz to 18 kHz, from 29 to 44 kHz or from 28 to 44 kHz.

Wideband Data - An analog channel for the transmission of synchronous serial data at rates of 19.2, 50.0 or 230.4 kbps or asynchronous serial data at rates of up to 19.2, 50.0 or 230.4 kbps.

(AT) MegaLink Data - A channel for the digital transmission of syn-
(AT) chronous serial data at rates of 2.4, 4.8, 9.6 or 56.0 kbps. 56 kbps MegaLink Data channels are also provided in conjunction with Frame Relay Service.

(RT) High Capacity - A channel for the transmission of isochronous
(AT) serial digital data at rates of 1.544, or 44.736 Mbps. High Capacity
(AT) (1.544 Mbps) channels are also provided in conjunction with Frame Relay Service.

DovLinksm - A channel for the transmission of either synchronous or asynchronous data at speeds of 2.4, 4.8 or 9.6 kbps.

smService Mark of Southwestern Bell Telephone Company.

Issued: May 24, 1994

Effective: July 15, 1994

By M. H. SCHULTEIS, Division Manager-Regulatory & Industry Relations

Southwestern Bell Telephone Company

St. Louis, Missouri

CANCELED
August 18, 2012
Missouri Public
Service Commission
JI-2013-0048

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

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

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.1 Channel Types-(Continued)

For purposes of ordering channels, each has been identified as a type of Special Access Service. However, such identification is not intended to limit a customer's use of the channel nor to imply that the channel is limited to a particular use. For example, if a customer's equipment is capable of transmitting voice over a channel that is identified as a Metallic Service in this Tariff, there is no restriction against doing so.

Following is a brief description of each type of channel:

Metallic - A channel for the transmission of low-speed, varying signals at rates up to 30 baud.

Telegraph Grade - A channel for the transmission of binary signals at rates of 0 to 75 baud or 0 to 150 baud.

Voice Grade - A channel for the transmission of analog signals within an approximate bandwidth of 300-3000 Hz.

Wideband Analog - A channel for the transmission of wideband signals. The bandwidths are from 60 to 108 kHz (Group), from 312 to 552 kHz (Supergroup), from 564 to 3084 kHz (Mastergroup), from 300 Hz to 18 kHz, from 29 to 44 kHz or from 28 to 44 kHz.

Wideband Data - An analog channel for the transmission of synchronous serial data at rates of 19.2, 50.0 or 230.4 kbps or asynchronous serial data at rates of up to 19.2, 50.0 or 230.4 kbps.

MegaLink Data - A channel for the digital transmission of synchronous serial data at rates of 2.4, 4.8, 9.6 or 56.0 kbps.

High Capacity - A channel for the transmission of isochronous serial digital data at rates of 1.544, 3.152, 6.312, 44.736 or 274.176 Mbps.

DovLinkSM - A channel for the transmission of either synchronous or asynchronous data at speeds of 2.4, 4.8 or 9.6 kbps.

(AT)

(AT) SMService Mark of Southwestern Bell Telephone Company.

CANCELLED

JUL 15 1994

Public Service Commission
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DEC 4 1992

DEC -14 1992

Issued: OCT - 5 1992

Effective: ~~NOV - 5 1992~~

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
2nd Revised Sheet 2
Replacing 1st Revised Sheet 2

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

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7.1 General-(Continued)

SEP 25 1989

7.1.1 Channel Types-(Continued)

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For purposes of ordering channels, each has been identified as a type of Special Access Service. However, such identification is not intended to limit a customer's use of the channel nor to imply that the channel is limited to a particular use. For example, if a customer's equipment is capable of transmitting voice over a channel that is identified as a Metallic Service in this Tariff, there is no restriction against doing so.

Following is a brief description of each type of channel:

Metallic - A channel for the transmission of low-speed, varying signals at rates up to 30 baud.

Telegraph Grade - A channel for the transmission of binary signals at rates of 0 to 75 baud or 0 to 150 baud.

Voice Grade - A channel for the transmission of analog signals within an approximate bandwidth of 300-3000 Hz.

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DEC 4 1992

BY 3rd R.S. #2

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Wideband Analog - A channel for the transmission of wideband signals. The bandwidths are from 60 to 108 kHz (Group), from 312 to 552 kHz (Supergroup), from 564 to 3084 kHz (Mastergroup), from 300 Hz to 18 kHz, from 29 to 44 kHz or from 28 to 44 kHz.

Wideband Data - An analog channel for the transmission of synchronous serial data at rates of 19.2, 50.0 or 230.4 kbps or asynchronous serial data at rates of up to 19.2, 50.0 or 230.4 kbps.

MegaLink Data - A channel for the digital transmission of synchronous serial data at rates of 2.4, 4.8, 9.6 or 56.0 kbps.

High Capacity - A channel for the transmission of isochronous serial digital data at rates of 1.544, 3.152, 6.312, 44.736 or 274.176 Mbps.

FILED

OCT 1 1989

Issued: SEP 25 1989

Effective: OCT 1 1989 89-14
Public Service Commission

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

(RT)
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(RT)

(CT)

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

Access Services Tariff
Section 7
1st Revised Sheet 2
Replacing Original Sheet 2

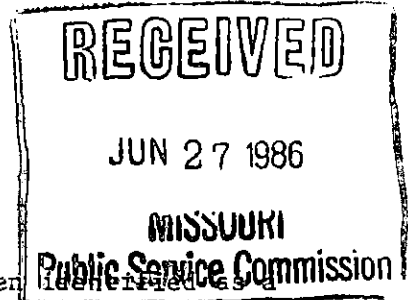
(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.1 Channel Types-(Continued)

For purposes of ordering channels, each has been identified as a type of Special Access Service. However, such identification is not intended to limit a customer's use of the channel nor to imply that the channel is limited to a particular use. For example, if a customer's equipment is capable of transmitting voice over a channel that is identified as a Metallic Service in this Tariff, there is no restriction against doing so.



Following is a brief description of each type of channel:

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OCT 1 1989

BY gms R5#2

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Metallic - A channel for the transmission of low-speed, varying signals at rates up to 30 baud.

Telegraph Grade - A channel for the transmission of binary signals at rates of 0 to 75 baud or 0 to 150 baud.

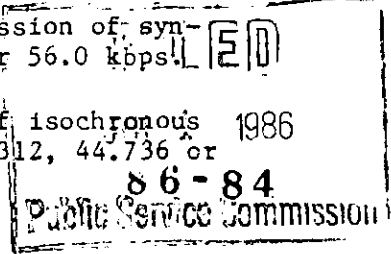
Voice Grade - A channel for the transmission of analog signals within an approximate bandwidth of 300-3000 Hz.

Program Audio - A channel for the transmission of audio signals. The nominal frequency bandwidths are from 50 to 15000 Hz, from 200 to 3500 Hz, from 100 to 5000 Hz or from 50 to 8000 Hz.

Wideband Analog - A channel for the transmission of wideband signals. The bandwidths are from 60 to 108 kHz (Group), from 312 to 552 kHz (Supergroup), from 564 to 3084 kHz (Mastergroup), from 300 Hz to 18kHz, from 29 to 44 kHz or from 28 to 44 kHz.

Wideband Data - An analog channel for the transmission of synchronous serial data at rates of 19.2, 50.0 or 230.4 kbps or asynchronous serial data at rates of up to 19.2, 50.0 or 230.4 kbps.

Digital Data - A channel for the digital transmission of synchronous serial data at rates of 2.4, 4.8, 9.6 or 56.0 kbps.



High Capacity - A channel for the transmission of isochronous serial digital data at rates of 1.544, 3.152, 6.312, 44.736 or 274.176 Mbps.

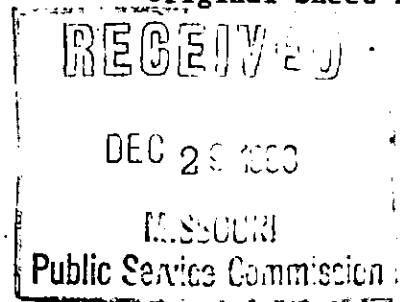
Issued: JUN 27 1986

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 2



ACCESS SERVICES

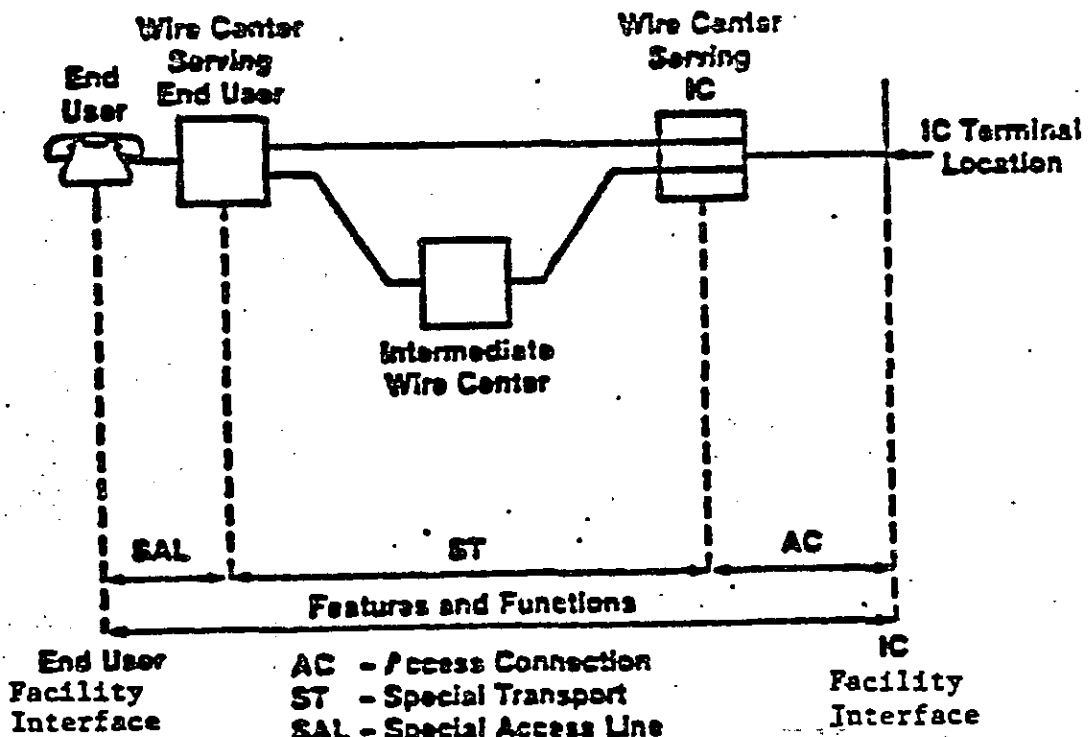
7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.1 Rate Categories-(Continued)

The following diagram depicts a generic view of the components of Special Access Service and the manner in which the components are combined to provide a complete Access Service.

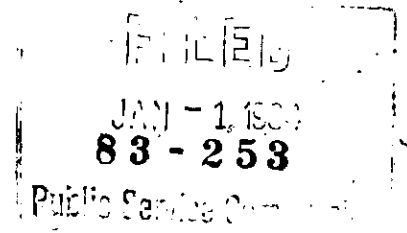
SPECIAL ACCESS SERVICE



CANCELLED

JUL 1 1986

BY 1st B.S. #2
PUBLIC SERVICE COMMISSION
OF MISSOURI



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
1st Revised Sheet 2.01
Replacing Original Sheet 2.01

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.1 Channel Types-(Continued)

(RT)



(RT)

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

Issued: January 10, 1997

Effective: February 10, 1997

By KAREN E. JENNINS, 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 2.01

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Public Service Commission

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.1 Channel Types-(Continued)

(AT)
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(AT)

Business Video - a channel with two-way transmission capability for a standard 525-line/60-field monochrome or National Television Systems Committee (NTSC) - System M color video signal and an associated audio signal in 7 kHz range.

CANCELLED

FEB 10 1997
BY Let R.S. # 2.01
Public Service Commission
MISSOURI

FILED

APR 19 1993

APR 19 1993

Issued: FEB 09 1993

Effective: ~~MAR 11 1993~~ PUBLIC SERVICE COMAR

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

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.1 Channel Types-(Continued)

Detailed descriptions of each of the channel types are provided in Paragraph 7.2, following.

The customer also has the option of ordering Voice Grade(1) and analog and digital high capacity facilities (i.e., Group, Supergroup, Mastergroup, 1.544 Mbps, 3.152 Mbps, 6.312 Mbps, 44.736 Mbps and 274.176 Mbps) to a Telephone Company Hub for multiplexing to individual channels of a lower capacity or bandwidth. Descriptions of the types of multiplexing available at the Hubs, as well as the number of individual channels which may be derived from each type of facility are set forth in Paragraph 7.2, following. (CP)

Additionally, the customer may specify optional features or BSEs for the individual channels derived from the facility to further tailor the channel to meet specific communications requirements. Descriptions of the optional features, BSEs and functions available are also set forth in Paragraph 7.2, following.

For example, a customer may order a 3.152 Mbps facility from a customer-designated premises to a Telephone Company Hub for multiplexing to two 1.544 Mbps channels. The 1.544 Mbps channels may be further multiplexed at the same or a different Hub to Voice Grade(1) (i.e., Group level) channels or may be extended to other customer designated premises. Optional features and BSEs may be added to either the 1.544 Mbps or Voice Grade(1) channels. (CP)

7.1.2 Rate Categories

There are four basic rate categories which apply to Special Access Service:

- Channel Terminations (described in Paragraph 7.1.2, A., following)
- Channel Mileage (described in Paragraph 7.1.2, B., following)
- Service to Service Through Connect Arrangements (described in Paragraph 7.1.2, C., following)
- Optional Features, BSEs and Functions (described in Paragraph 7.1.2, D., following)

- (1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024. (AT)

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.1 Channel Types-(Continued)

Detailed descriptions of each of the channel types are provided in Paragraph 7.2, following.

The customer also has the option of ordering Voice Grade and analog and digital high capacity facilities (i.e., Group, Supergroup, Mastergroup, 1.544 Mbps, 3.152 Mbps, 6.312 Mbps, 44.736 Mbps and 274.176 Mbps) to a Telephone Company Hub for multiplexing to individual channels of a lower capacity or bandwidth. Descriptions of the types of multiplexing available at the Hubs, as well as the number of individual channels which may be derived from each type of facility are set forth in Paragraph 7.2, following.

Additionally, the customer may specify optional features or BSEs for the individual channels derived from the facility to further tailor the channel to meet specific communications requirements. Descriptions of the optional features, BSEs and functions available are also set forth in Paragraph 7.2, following.

(RT) For example, a customer may order a 3.152 Mbps facility from a customer-designated premises to a Telephone Company Hub for multiplexing to two 1.544 Mbps channels. The 1.544 Mbps channels may be further multiplexed at the same or a different Hub to Voice Grade (i.e., Group level) channels or may be extended to other customer designated premises. Optional features and BSEs may be added to either the 1.544 Mbps or Voice Grade channels.

7.1.2 Rate Categories

There are four basic rate categories which apply to Special Access Service:

- Channel Terminations (described in Paragraph 7.1.2, A., following)
- Channel Mileage (described in Paragraph 7.1.2, B., following)
- Service to Service Through Connect Arrangements (described in Paragraph 7.1.2, C., following)
- Optional Features, BSEs and Functions (described in Paragraph 7.1.2, D., following)

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

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

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.1 Channel Types-(Continued)

Detailed descriptions of each of the channel types are provided in Paragraph 7.2, following.

The customer also has the option of ordering Voice Grade and analog and digital high capacity facilities (i.e., Group, Supergroup, Mastergroup, 1.544 Mbps, 3.152 Mbps, 6.312 Mbps, 44.736 Mbps and 274.176 Mbps) to a Telephone Company Hub for multiplexing to individual channels of a lower capacity or bandwidth. Descriptions of the types of multiplexing available at the Hubs, as well as the number of individual channels which may be derived from each type of facility are set forth in Paragraph 7.2, following.

(AT) Additionally, the customer may specify optional features or BSEs for the individual channels derived from the facility to further tailor the channel to meet specific communications requirements. Descriptions of the optional features, BSEs and functions available are also set forth in

(AT) Paragraph 7.2, following.

For example, a customer may order a 3.152 Mbps facility from a customer-designated premises to a Telephone Company Hub for multiplexing to two 1.544 Mbps channels. The 1.544 Mbps channels may be further multiplexed at the same or a different Hub to Voice Grade or Wideband Analog (i.e., Group level) channels or may be extended to other customer designated premises. Optional features and BSEs may be added to either the 1.544 Mbps or Voice Grade channels.

(AT)

7.1.2 Rate Categories

There are four basic rate categories which apply to Special Access Service:

- Channel Terminations (described in Paragraph 7.1.2, A., following)
- Channel Mileage (described in Paragraph 7.1.2, B., following)
- Service to Service Through Connect Arrangements (described in Paragraph 7.1.2, C., following)
- (AT) - Optional Features, BSEs and Functions (described in Paragraph 7.1.2, D., following)

Issued: March 26, 1993

Effective: April 11, 1993

CANCELED
November 20, 2014
Missouri Public
Service Commission
JI-2015-0173

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 3
Replacing 1st Revised Sheet 3

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

FEB 20 1990

7.1 General-(Continued)

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7.1.1 Channel Types-(Continued)

Detailed descriptions of each of the channel types are provided in Paragraph 7.2, following.

The customer also has the option of ordering Voice Grade and analog and digital high capacity facilities (i.e., Group, Supergroup, Mastergroup, 1.544 Mbps, 3.152 Mbps, 6.312 Mbps, 44.736 Mbps and 274.176 Mbps) to a Telephone Company Hub for multiplexing to individual channels of a lower capacity or bandwidth. Descriptions of the types of multiplexing available at the Hubs, as well as the number of individual channels which may be derived from each type of facility are set forth in Paragraph 7.2, following.

Additionally, the customer may specify optional features for the individual channels derived from the facility to further tailor the channel to meet specific communications requirements. Descriptions of the optional features and functions available are also set forth in Paragraph 7.2, following.

For example, a customer may order a 3.152 Mbps facility from a customer-designated premises to a Telephone Company Hub for multiplexing to two 1.544 Mbps channels. The 1.544 Mbps channels may be further multiplexed at the same or a different Hub to Voice Grade or Wideband Analog (i.e., Group level) channels or may be extended to other customer designated premises. Optional features may be added to either the 1.544 Mbps Voice Grade channels.

CANCELLED

7.1.2 Rate Categories

APR 11 1993

BY 3rd R.S. # 3

Public Service Commission
MISSOURI

(CT)

There are four basic rate categories which apply to Special Access Service:

(AT)

- Channel Terminations (described in Paragraph 7.1.2, A., following)

- Channel Mileage (described in Paragraph 7.1.2, B., following)

(FC)

- Service to Service Through Connect Arrangements (described in Paragraph 7.1.2, C., following)

- Optional Features and Functions (described in Paragraph 7.1.2, D., following)

Issued: FEB 22 1990

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

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

Access Services Tariff
Section 7
1st Revised Sheet 3
Replacing Original Sheet 3

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.1 Channel Types-(Continued)

Detailed descriptions of each of the channel types are provided in Paragraph 7.2, following.



The customer also has the option of ordering Voice Grade and analog and digital high capacity facilities (i.e., Group, Supergroup, Mastergroup, 1.544 Mbps, 3.152 Mbps, 6.312 Mbps, 44.736 Mbps and 274.176 Mbps) to a Telephone Company Hub for multiplexing to individual channels of a lower capacity or bandwidth. Descriptions of the types of multiplexing available at the Hubs, as well as the number of individual channels which may be derived from each type of facility are set forth in Paragraph 7.2, following. Additionally, the customer may specify optional features for the individual channels derived from the facility to further tailor the channel to meet specific communications requirements. Descriptions of the optional features and functions available are also set forth in Paragraph 7.2, following.

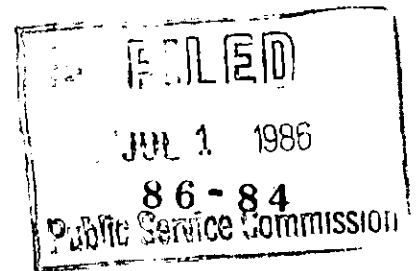
For example, a customer may order a 3.152 Mbps facility from a customer-designated premises to a Telephone Company Hub for multiplexing to two 1.544 Mbps channels. The 1.544 Mbps channels may be further multiplexed at the same or a different Hub to Voice Grade or Wideband Analog (i.e., Group level) channels or may be extended to other customer designated premises. Optional features may be added to either the 1.544 Mbps or the Voice Grade channels.

7.1.2 Rate Categories

There are three basic rate categories which apply to Special Access Service:

- Channel Terminations (described in Paragraph 7.1.2, A., following)
- Channel Mileage (described in Paragraph 7.1.2, B., following)
- Optional Features and Functions (described in Paragraph 7.1.2, C., following)

CANCELLED
MAR 26 1990
BY *[Signature]* P.S.# 3
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

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

Access Services Tariff
Section 7
Original Sheet 3

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.1 Rate Categories-(Continued)

A. Access Connection

This rate category provides a channel between the IC terminal location and the wire center serving the IC terminal location. This rate category varies by type of facility.

B. Special Transport

This rate category provides the actual physical transmission facilities between (1) an IC terminal location serving wire center and the End User's serving wire center, (2) an IC terminal location serving wire center and a Hub (3) a Hub and an End User's serving wire center, or (4) an End User's serving wire center and a WATS or WATS-type serving office (for Dedicated Access Line Service only). The facilities may be either analog or digital. This rate category has a fixed rate portion plus is distance-sensitive and varies by type of facility.

C. Features and Functions

This rate category provides available facility interface combinations (including signaling), Hub functions (i.e., bridging and multiplexing) and optional features or functions that improve the quality or utility of a service to meet specific communications requirements. In addition, there is a separate charge for Voice Grade Performance which is also included in this rate category. The Voice Grade Performance Charge applies for all Voice Grade Services (i.e., VG 1-3, 5-10) ordered by the IC.

D. Special Access Line

This rate category provides a channel between the wire center serving the End User's premises and the End User's premises. This rate category varies by type of facility.

7.1.2 Facility Interface (FI) Combinations

When ordering Special Access Service, the IC must specify the facility interface (FI) that is desired for the service ordered. The FI defines the technical characteristics associated with the type of signaling and type

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12 R.S.#3
PUBLIC SERVICE COMMISSION
OF MISSOURI

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

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.2 Rate Categories-(Continued)

A. Channel Termination

The Channel Termination rate category provides for the communications path between a customer designated premises and the serving wire center of that premises or for the communications path within a building which connects a customer's facilities with a customer designated premises without routing through the serving wire center. Included as part of the Channel Termination is a standard channel interface arrangement which defines the technical characteristics associated with the type of facilities to which the access service is to be connected at the Point of Termination (POT) and the type of signaling capability, if any. The signaling capability itself is provided as an optional feature as set forth in Paragraph D., following. One Channel Termination Charge applies per customer designated premises at which the channel is terminated. This charge will apply even if the customer designated premises and the serving wire center are both located in the same Telephone Company building.

B. Channel Mileage

The Channel Mileage rate category provides for the transmission facilities between the serving wire centers associated with two customer designated premises, between a serving wire center associated with a customer designated premises and a Telephone Company Hub, between two Telephone Company Hubs, or between a serving wire center associated with a customer designated premises and the WATS serving office. Channel mileage is portrayed in mileage bands. There are two rates that apply for each band, i.e., a flat rate per band and a rate per mile.

C. Service to Service Through Connect Arrangement

The Service to Service Through Connect Arrangement rate category provides for an interconnection of like services in a Telephone Company Hub or serving wire center as appropriate. This arrangement is an intraoffice connection that is provisioned in lieu of a channel termination to a customer designated premises. The through connection is provided in conjunction with Voice Grade(1) Analog, MegaLink Data(1) and High Capacity services. Additional Channel Mileage would apply if two like services are located in different Hubs or serving wire centers. The customer billed for the through connect arrangement will be responsible for all billing associated with the interconnection. (CP)

- (1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024. (AT)

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

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

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE--(Continued)

7.1 General--(Continued)

7.1.2 Rate Categories--(Continued)

A. Channel Termination

The Channel Termination rate category provides for the communications path between a customer designated premises and the serving wire center of that premises or for the communications path within a building which connects a customer's facilities with a customer designated premises without routing through the serving wire center. Included as part of the Channel Termination is a standard channel interface arrangement which defines the technical characteristics associated with the type of facilities to which the access service is to be connected at the Point of Termination (POT) and the type of signaling capability, if any. The signaling capability itself is provided as an optional feature as set forth in Paragraph D., following. One Channel Termination Charge applies per customer designated premises and the channel is terminated. This charge will apply even if the customer designated premises and the serving wire center are co-located in a Telephone Company building.

(AT)
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(AT)

B. Channel Mileage

The Channel Mileage rate category provides for the transmission facilities between the serving wire centers associated with two customer designated premises, between a serving wire center associated with a customer designated premises and a Telephone Company Hub, between two Telephone Company Hubs, or between a serving wire center associated with a customer designated premises and the WATS serving office. Channel mileage is portrayed in mileage bands. There are two rates that apply for each band, i.e., a flat rate per band and a rate per mile.

C. Service to Service Through Connect Arrangement

The Service to Service Through Connect Arrangement rate category provides for an interconnection of like services in a Telephone Company Hub or serving wire center as appropriate. This arrangement is an intraoffice connection that is provisioned in lieu of a channel termination to a customer designated premises. The through connection is provided in conjunction with Voice Grade Analog, MegaLink Data and High Capacity services. Additional Channel Mileage would apply if two like services are located in different Hubs or serving wire centers. The customer billed for the through connect arrangement will be responsible for all billing associated with the interconnection.

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MISSOURI
Public Service Commission

CANCELLED

SEP 26 1994

BY 5th R.S. #4
Public Service Commission
MISSOURI

Issued: FEB 15 1991

Effective: MAR 18 1991

FILED

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

MAR 18 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
3rd Revised Sheet 4
Replacing 2nd Revised Sheet 4

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.2 Rate Categories-(Continued)

A. Channel Termination

MAR 18 1991
BY 42 R.S.#4
Public Service Commission
MISSOURI
FEB 20 1990
MISSOURI
Public Service Commission

The Channel Termination rate category provides for the communications path between a customer designated premises and the serving wire center of that premises. Included as part of the Channel Termination is a standard channel interface arrangement which defines the technical characteristics associated with the type of facilities to which the access service is to be connected at the Point of Termination (POT) and the type of signaling capability, if any. The signaling capability itself is provided as an optional feature as set forth in Paragraph D., following. One Channel Termination Charge applies per customer designated premises at which the channel is terminated. This charge will apply even if the customer designated premises and the serving wire center are co-located in a Telephone Company building.

(PC)

B. Channel Mileage

The Channel Mileage rate category provides for the transmission facilities between the serving wire centers associated with two customer designated premises, between a serving wire center associated with a customer designated premises and a Telephone Company Hub, between two Telephone Company Hubs, or between a serving wire center associated with a customer designated premises and the WATS serving office. Channel mileage is portrayed in mileage bands. There are two rates that apply for each band, i.e., a flat rate per band and a rate per mile.

(AT) C. Service to Service Through Connect Arrangement

The Service to Service Through Connect Arrangement rate category provides for an interconnection of like services in a Telephone Company Hub or serving wire center as appropriate. This arrangement is an intraoffice connection that is provisioned in lieu of a channel termination to a customer designated premises. The through connection is provided in conjunction with Voice Grade Analog, MegaLink Data and High Capacity services. Additional Channel Mileage would apply if two like services are located in different Hubs or serving wire centers. The customer billed for the through connect arrangement will be responsible for all billing associated with the interconnection.

(AT)

(HT)

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By R. D. BARRON, President-Missouri Division
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Access Services Tariff
Section 7
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ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

OCT 13 1987

7.1 General-(Continued)

7.1.2 Rate Categories-(Continued)

A. Channel Termination

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The Channel Termination rate category provides for the communications path between a customer designated premises and the serving wire center of that premises. Included as part of the Channel Termination is a standard channel interface arrangement which defines the technical characteristics associated with the type of facilities to which the access service is to be connected at the Point of Termination (POT) and the type of signaling capability, if any. The signaling capability itself is provided as an optional feature as set forth in Paragraph C., following. One Channel Termination Charge applies per customer designated premises at which the channel is terminated. This charge will apply even if the customer designated premises and the serving wire center are co-located in a Telephone Company building.

B. Channel Mileage

The Channel Mileage rate category provides for the transmission facilities between the serving wire centers associated with two customer designated premises, between a serving wire center associated with a customer designated premises and a Telephone Company Hub, between two Telephone Company Hubs, or between a serving wire center associated with a customer designated premises and the WATS serving office. Channel mileage is portrayed in mileage bands. There are two rates that apply for each band, i.e., a flat rate per band and a rate per mile.

(AT)
(AT)

C. Optional Features and Functions

The Optional Features and Functions rate category provides for optional features and functions which may be added to a Special Access Service to improve its quality or utility to meet specific communications requirements. These are not necessarily identifiable with specific equipment but rather represent the end result in terms of performance characteristics which may be obtained. These characteristics may be obtained by using various combinations of equipment. Although the equipment necessary to perform a specified function may be installed at various locations along the path of the service, they will be charged for as a single rate element.

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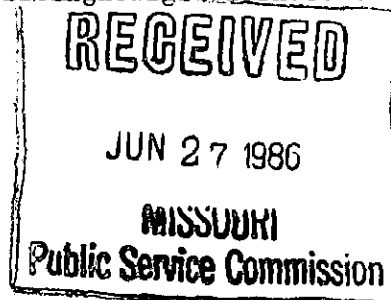
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70-87-42
Public Service Commissioner

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 4
Replacing Original Sheet 4

(CP)ACCESS SERVICES



7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1:2 Rate Categories-(Continued)

A. Channel Termination

The Channel Termination rate category provides for the communications path between a customer designated premises and the serving wire center of that premises. Included as part of the Channel Termination is a standard channel interface arrangement which defines the technical characteristics associated with the type of facilities to which the access service is to be connected at the Point of Termination (POT) and the type of signaling capability, if any. The signaling capability itself is provided as an optional feature as set forth in Paragraph C., following. One Channel Termination Charge applies per customer designated premises at which the channel is terminated. This charge will apply even if the customer designated premises and the serving wire center are co-located in a Telephone Company building.

B. Channel Mileage

The Channel Mileage rate category provides for the transmission facilities between the serving wire centers associated with customer designated premises, between a serving wire center associated with customer designated premises and a Telephone Company Hub or between two Telephone Company Hubs. Channel mileage is portrayed in mileage bands. There are two rates that apply for each band, i.e., a flat rate per band and a rate per mile.

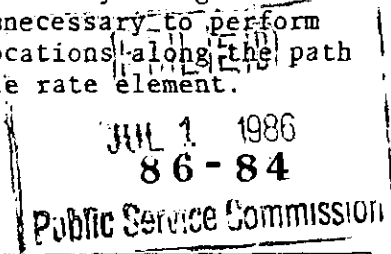
C. Optional Features and Functions

The Optional Features and Functions rate category provides for optional features and functions which may be added to a Special Access Service to improve its quality or utility to meet specific communications requirements. These are not necessarily identifiable with specific equipment but rather represent the end result in terms of performance characteristics which may be obtained. These characteristics may be obtained by using various combinations of equipment. Although the equipment necessary to perform a specified function may be installed at various locations along the path of the service, they will be charged for as a single rate element.

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BY 20785 #4
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Access Services Tariff
Section 7
Original Sheet 4

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ACCESS SERVICES

DEC 20 1983

MISSOURI
Public Service Commission

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.2 Facility Interface (FI) Combinations-(Continued)

of facilities presented for connection to the Access Service at both the IC terminal location and the End User's premises.

The FI's specified for the IC terminal location and the End User's premises may be asymmetrical or symmetrical. However, only certain combinations are technically possible. Therefore, for purposes of this Tariff, FI's are being described in terms of available combinations for all services, except Dedicated Access Line Service which is only provided between an End User's premises and a WATS serving office. These combinations are set forth in Paragraph 7.2, following.

7.1.3 Optional Features and Functions

Optional features and functions may be added to a service to improve its quality or utility to meet specific communications requirements. These are not necessarily identifiable with specific facilities, but rather represent the end result in terms of performance characteristics which may be obtained. These characteristics may be obtained by using various combinations of facilities. Although the facilities necessary to perform a specified function may be installed at various locations along the path of the service, including the premises of the End User, they will be charged for as a single rate element.

Examples of features or functions that are available include, but are not limited to, the following:

- Conditioning
- Transfer Arrangement
- Automatic Protection Switching

Descriptions and rates for each of the available features and functions are set forth in Paragraph 7.5.3, D., following.

7.1.4 Service Configuration

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There are two types of service configurations over which Special Access Services are provided: two-point service and multipoint service.

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Southwestern Bell Telephone Company
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Access Services Tariff
Section 7
9th Revised Sheet 5
Replacing 8th Revised Sheet 5

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE

7.1 General (cont'd)

7.1.2 Rate Categories (cont'd)

D. Optional Features, BSEs and Functions

The Optional Features, BSEs and Functions rate category provides for optional features, BSEs and functions which may be added to a Special Access Service to improve its quality or utility to meet specific communications requirements. These are not necessarily identifiable with specific equipment but rather represent the end result in terms of performance characteristics which may be obtained. These characteristics may be obtained by using various combinations of equipment. Although the equipment necessary to perform a specified function may be installed at various locations along the path of the service, they will be charged for as a single rate element.

Examples of Optional Features, BSEs and Functions that are available include, but are not limited to, the following:

- Signaling Capability
- Hubbing Functions
- Conditioning
- Transfer Arrangements

- (RT) A Hub is a Telephone Company designated serving wire center at which bridging, multiplexing, Network Reconfiguration Service functions are performed. The bridging functions performed may be to connect three or more customer designated premises in a multipoint arrangement as set forth in Paragraph 7.3.7, following, or to reterminate Network Reconfiguration Service as set forth in Section 19, following. The multiplexing functions are to channelize analog or digital facilities to individual services requiring a lower capacity or bandwidth. The Network Reconfiguration Service offerings allow the customer to reconfigure their Special Access Services.

Descriptions for each of the available Optional Features, BSEs and Functions are set forth in Paragraph 7.2, following. When ordering bridging and multiplexing, the customer will select the designated Hub(s) and subtending wire center(s) from the National Exchange Carrier Association, Inc. Tariff filed with the F.C.C.

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

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

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Access Services Tariff
Section 7
8th Revised Sheet 5
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ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE--(Continued)

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7.1 General--(Continued)

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7.1.2 Rate Categories--(Continued)

By *PHRS* MO. PUBLIC SERVICE COMM.
Public Service Commission
MISSOURI

D. Optional Features, BSEs and Functions

The Optional Features, BSEs and Functions rate category provides for optional features, BSEs and functions which may be added to a Special Access Service to improve its quality or utility to meet specific communications requirements. These are not necessarily identifiable with specific equipment but rather represent the end result in terms of performance characteristics which may be obtained. These characteristics may be obtained by using various combinations of equipment. Although the equipment necessary to perform a specified function may be installed at various locations along the path of the service, they will be charged for as a single rate element.

Examples of Optional Features, BSEs and Functions that are available include, but are not limited to, the following:

- Signaling Capability
- Hubbing Functions
- Conditioning
- Transfer Arrangements

(AT) A Hub is a Telephone Company designated serving wire center at which
(AT) bridging, multiplexing, Network Reconfiguration Service or Transport
Resource Management Service functions are performed. The bridging
functions performed may be to connect three or more customer designated
(AT) premises in a multipoint arrangement as set forth in Paragraph 7.3.7,
(AT) following, or to reterminate Network Reconfiguration Service or Transport
Resource Management Service as set forth in Section 19, following. The
multiplexing functions are to channelize analog or digital facilities to
(AT) individual services requiring a lower capacity or bandwidth. The Network
(AT) Reconfiguration Service and Transport Resource Management Service offerings
(CT) allow the customer to reconfigure their Special Access Services.

Descriptions for each of the available Optional Features, BSEs and Functions are set forth in Paragraph 7.2, following. When ordering bridging and multiplexing, the customer will select the designated Hub(s) and subtending wire center(s) from the National Exchange Carrier Association, Inc. Tariff filed with the F.C.C.

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

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

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE--(Continued)

7.1 General--(Continued)

7.1.2 Rate Categories--(Continued)

(AT) D. Optional Features, BSEs and Functions

(AT) The Optional Features, BSEs and Functions rate category provides for optional features, BSEs and functions which may be added to a Special Access Service to improve its quality or utility to meet specific communications requirements. These are not necessarily identifiable with specific equipment but rather represent the end result in terms of performance characteristics which may be obtained. These characteristics may be obtained by using various combinations of equipment. Although the equipment necessary to perform a specified function may be installed at various locations along the path of the service, they will be charged for as a single rate element.

(AT) Examples of Optional Features, BSEs and Functions that are included include, but are not limited to, the following:

- Signaling Capability
- Hubbing Functions
- Conditioning
- Transfer Arrangements

(C) A Hub is a Telephone Company designated serving wire center at which bridging, multiplexing or Network Reconfiguration Service functions are performed. The bridging functions performed may be to connect three or more customer designated premises in a multipoint arrangement as set forth in Paragraph 7.3.7, following, or to reterminate Network Reconfiguration Service as set forth in Section 19, following. The multiplexing functions are to channelize analog or digital facilities to individual services requiring a lower capacity or bandwidth. The Network Reconfiguration Service offering allows the customer to reconfigure their Special Access Services.

(AT) Descriptions for each of the available Optional Features, BSEs and Functions are set forth in Paragraph 7.2, following. When ordering bridging and multiplexing, the customer will select the designated Hub(s) and subtending wire center(s) from the National Exchange Carrier Association, Inc. Tariff filed with the P.C.C.

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MO. PUBLIC SERVICE COM.

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

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

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE--(Continued)

7.1 General--(Continued)

7.1.2 Rate Categories--(Continued)

D. Optional Features and Functions

The Optional Features and Functions rate category provides for optional features and functions which may be added to a Special Access Service to improve its quality or utility to meet specific communications requirements. These are not necessarily identifiable with specific equipment but rather represent the end result in terms of performance characteristics which may be obtained. These characteristics may be obtained by using various combinations of equipment. Although the equipment necessary to perform a specified function may be installed at various locations along the path of the service, they will be charged for as a single rate element.

Examples of Optional Features and Functions that are available include, but are not limited to, the following:

- Signaling Capability
- Hubbing Functions
- Conditioning
- Transfer Arrangements

A Hub is a Telephone Company designating serving wire center bridging, multiplexing or Network Reconfiguration Service functions are performed. The bridging functions performed may be to connect three or more customer designated premises in a multipoint arrangement as set forth in Paragraph 7.3.7, following, or to reterminate Network Reconfiguration Service as set forth in Section 19, following. The multiplexing functions are to channelize analog or digital facilities to individual services requiring a lower capacity or bandwidth. The Network Reconfiguration Service offering allows the customer to reconfigure their Special Access Services.

Descriptions for each of the available Optional Features and Functions are set forth in Paragraph 7.2, following. When ordering bridging and multiplexing, the customer will select the designated hub(s) and subtending wire center(s) from the National Exchange Carrier Association, Inc. Tariff filed with the F.C.C.

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Southwestern Bell Telephone Company
St. Louis, Missouri

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Access Services Tariff
Section 7
5th Revised Sheet 5
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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE--(Continued)

7.1 General--(Continued)

7.1.2 Rate Categories--(Continued)

D. Optional Features and Functions

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Public Service Commission

The Optional Features and Functions rate category provides for optional features and functions which may be added to a Special Access Service to improve its quality or utility to meet specific communications requirements. These are not necessarily identifiable with specific equipment but rather represent the end result in terms of performance characteristics which may be obtained. These characteristics may be obtained by using various combinations of equipment. Although the equipment necessary to perform a specified function may be installed at various locations along the path of the service, they will be charged for as a single rate element.

Examples of Optional Features and Functions that are available include, but are not limited to, the following:

- Signaling Capability
- Hubbing Functions
- Conditioning
- Transfer Arrangements

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BY 6th R.S. #5

(AT)
(C)
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A Hub is a Telephone Company designating serving wire center at which bridging, multiplexing or Network Reconfiguration Service functions are performed. The bridging functions performed may be to connect three or more customer designated premises in a multipoint arrangement as set forth in Paragraph 7.3.7, following, or to reterminate Network Reconfiguration Service as set forth in Section 19, following. The multiplexing functions are to channelize analog or digital facilities to individual services requiring a lower capacity or bandwidth. The Network Reconfiguration Service offering allows the customer to reconfigure their Special Access Services.

Descriptions for each of the available Optional Features and Functions are set forth in Paragraph 7.2, following.

7.1.3 Service Configurations

There are four types of service configurations over which Special Access Services are provided: two-point service, multipoint service, WATS Access Line Service and Service to Service Through Connect Arrangement.

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ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE--(Continued)

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7.1 General--(Continued)

7.1.2 Rate Categories--(Continued)

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(FC) D. Optional Features and Functions

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The Optional Features and Functions rate category provides for optional features and functions which may be added to a Special Access Services to improve its quality or utility to meet specific communications requirements. These are not necessarily identifiable with specific equipment but rather represent the end result in terms of performance characteristics which may be obtained. These characteristics may be obtained by using various combinations of equipment. Although the equipment necessary to perform a specified function may be installed at various locations along the path of the service, they will be charged for as a single rate element.

Examples of Optional Features and Functions that are available include, but are not limited to, the following:

- Signaling Capability
- Hubbing Functions
- Conditioning
- Transfer Arrangements

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BY 5th R.S. #5

A Hub is a Telephone Company designated serving wire center bridging or multiplexing functions are performed. The bridging functions performed may be to connect three or more customer designated premises in a multipoint arrangement as set forth in Paragraph 7.3.7, following. The multiplexing functions are to channelize analog or digital facilities to individual services requiring a lower capacity or bandwidth.

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Descriptions for each of the available Optional Features and Functions are set forth in Paragraph 7.2, following.

7.1.3 Service Configurations

- (CT) There are four types of service configurations over which Special Access Services are provided: two-point service, multipoint service,
- (AT) WATS Access Line service and Service to Service Through Connect Arrangement.
- (MT)

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

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7.1 General--(Continued)

7.1.2 Rate Categories--(Continued)

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Public Service Commission

C. Optional Features and Functions--(Continued)

Examples of Optional Features and Functions that are available include, but are not limited to, the following:

- Signaling Capability
- Hubbing Functions
- Conditioning
- Transfer Arrangements

A Hub is a Telephone Company designated serving wire center at which bridging or multiplexing functions are performed. The bridging functions performed may be to connect three or more customer designated premises in a multipoint arrangement as set forth in Paragraph 7.3.7, following. The multiplexing functions are to channelize analog or digital facilities to individual services requiring a lower capacity or bandwidth.

(RT)

Descriptions for each of the available Optional Features and Functions are set forth in Paragraph 7.2, following.

7.1.3 Service Configurations

There are three types of service configurations over which Special Access Services are provided: two-point service, multipoint service, and a WATS Access Line.

A. Two-Point Service

A two-point service connects two customer-designated premises, either on a directly connected basis or through a Hub where multiplexing functions are performed.

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7. SPECIAL ACCESS SERVICE-(Continued)

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7.1 General-(Continued)

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7.1.2 Rate Categories-(Continued)

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C. Optional Features and Functions-(Continued)

Examples of Optional Features and Functions that are available include, but are not limited to, the following:

- Signaling Capability
- Hubbing Functions
- Conditioning
- Transfer Arrangements

A Hub is a Telephone Company designated serving wire center at which bridging or multiplexing functions are performed. The bridging functions performed may be to connect three or more customer designated premises in a multipoint arrangement or to connect Program Audio Services as set forth in Paragraph 7.4.7, following. The multiplexing functions are to channelize analog or digital facilities to individual services requiring a lower capacity or bandwidth.

Descriptions for each of the available Optional Features and Functions are set forth in Paragraph 7.2, following.

7.1.3 Service Configurations

(CT) There are three types of service configurations over which Special Access Services are provided: two-point service, multipoint service, (AT) and a WATS Access Line.

A. Two-Point Service

A two-point service connects two customer-designated premises, either on a directly connected basis or through a Hub where multiplexing functions are performed.

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Section 7

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(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.2 Rate Categories-(Continued)

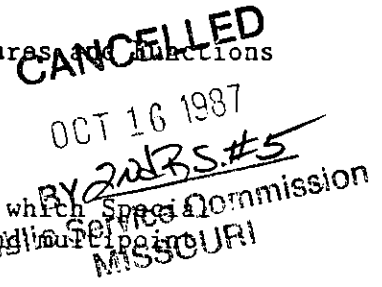
C. Optional Features and Functions-(Continued)

Examples of Optional Features and Functions that are available include, but are not limited to, the following:

- Signaling Capability
- Hubbing Functions
- Conditioning
- Transfer Arrangements

A Hub is a Telephone Company designated serving wire center at which bridging or multiplexing functions are performed. The bridging functions performed may be to connect three or more customer designated premises in a multipoint arrangement or to connect Program Audio Services as set forth in Paragraph 7.4.7, following. The multiplexing functions are to channelize analog or digital facilities to individual services requiring a lower capacity or bandwidth.

Descriptions for each of the available Optional Features and Functions are set forth in Paragraph 7.2, following.

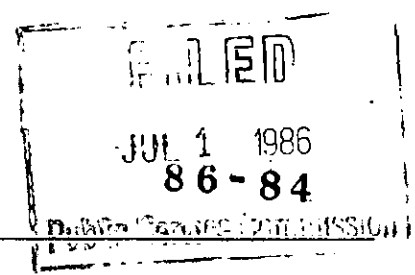


7.1.3 Service Configurations

There are two types of service configurations over which Access Services are provided: two-point service and multipoint service.

A. Two-Point Service

A two-point service connects two customer designated premises, either on a directly connected basis or through a Hub where multiplexing functions are performed.



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Section 7

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MISSOURI
Public Service Commission

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.4 Service Configurations-(Continued)

A. Two-Point Service

A two-point service is a channel which is provided to connect two locations. The locations connected may be:

- an IC terminal location and an End User's premises, whether provided direct or through a Telephone Company-designated facility Hub,
- An IC terminal location and a Hub
- two IC terminal locations, or
- two End User's premises.

All Special Access Services may be provided as two-point service.

B. Multipoint Service

A multipoint service is a channel that is provided to connect three or more locations. The locations connected may be:

- an IC terminal location and two or more End User's premises,
- all IC terminal locations
- all End User's premises
- multiple IC terminal locations and multiple End User's premises.

Only certain types of Special Access Service are provided as multipoint services. These are so designated in the Technical Service Descriptions set forth in Paragraphs 7.2.1 and 7.2.2, following. Multipoint Service is available with a maximum of three mid-links in tandem. The specific number of bridges required for such services will be determined by the Telephone Company.

Multipoint service is provided in the following manner:

1. The Telephone Company will designate serving wire centers where bridging (by service type) is available. These serving wire centers are referred to as Hubs.

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

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE

7.1 General (cont'd)

7.1.3 Service Configurations

There are four types of service configurations over which Special Access Services are provided: two-point service, multipoint service, WATS Access Line Service(1) and Service to Service Through Connect Arrangement. (CP)

A. Two-Point Service

A two-point service connects two customer-designated premises, either on a directly connected basis or through a Hub where multiplexing or Network Reconfiguration Service functions are performed. Applicable rate elements are:

- Channel Terminations
- Channel Mileage (as applicable)
- Optional Features, BSEs and Functions (when applicable)

In addition, a Special Access Surcharge as set forth in Paragraph 7.3.2, following, and a Message Station Equipment Recovery Charge as set forth in Paragraph 7.3.3, following, and/or an Inside Wire Recovery Charge as set forth in Paragraph 7.3.9, following, may be applicable.

- (1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

(AT)
|
(AT)

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

Access Services Tariff
Section 7
9th Revised Sheet 6
Replacing 8th Revised Sheet 6

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE

7.1 General (cont'd)

7.1.3 Service Configurations

There are four types of service configurations over which Special Access Services are provided: two-point service, multipoint service, WATS Access Line Service and Service to Service Through Connect Arrangement.

A. Two-Point Service

(RT) A two-point service connects two customer-designated premises, either on a directly connected basis or through a Hub where multiplexing or Network Reconfiguration Service functions are performed. Applicable rate elements are:

- Channel Terminations
- Channel Mileage (as applicable)
- Optional Features, BSEs and Functions (when applicable)

In addition, a Special Access Surcharge as set forth in Paragraph 7.3.2, following, and a Message Station Equipment Recovery Charge as set forth in Paragraph 7.3.3, following, and/or an Inside Wire Recovery Charge as set forth in Paragraph 7.3.9, following, may be applicable.

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

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

Access Services Tariff
Section 7
8th Revised Sheet 6
Replacing 7th Revised Sheet 6

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ACCESS SERVICES

AUG 26 1994

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

MO. PUBLIC SERVICE COMM.

7.1.3 Service Configurations

There are four types of service configurations over which Special Access Services are provided: two-point service, multipoint service, WATS Access Line Service and Service to Service Through Connect Arrangement.

A. Two-Point Service

(AT)

A two-point service connects two customer-designated premises, either on a directly connected basis or through a Hub where multiplexing or Network Reconfiguration Service or Transport Resource Management Service functions are performed. Applicable rate elements are:

- Channel Terminations
- Channel Mileage (as applicable)
- Optional Features, BSEs and Functions (when applicable)

In addition, a Special Access Surcharge as set forth in Paragraph 7.3.2, following, and a Message Station Equipment Recovery Charge as set forth in Paragraph 7.3.3, following, and/or an Inside Wire Recovery Charge as set forth in Paragraph 7.3.9, following, may be applicable.

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FEB 02 2003
By *ah Rsk*
Public Service Commission
MISSOURI

FILED

SEP 26 1994

Issued: **AUG 26 1994**

Effective: **SEP 26 1994 MISSOURI**

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

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

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

ACCESS SERVICES

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MAR 29 1993

MISSOURI
Public Service Commission

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.3 Service Configurations

There are four types of service configurations over which Special Access Services are provided: two-point service, multipoint service, WATS Access Line Service and Service to Service Through Connect Arrangement.

A. Two-Point Service

A two-point service connects two customer-designated premises, either on a directly connected basis or through a Hub where multiplexing or Network Reconfiguration Service functions are performed. Applicable rate elements are:

- Channel Terminations
- Channel Mileage (as applicable)
- Optional Features, BSEs and Functions (when applicable)

(AT)

In addition, a Special Access Surcharge as set forth in Paragraph 7.3.2, following, and a Message Station Equipment Recovery Charge as set forth in Paragraph 7.3.3, following, and/or an Inside Wire Recovery Charge as set forth in Paragraph 7.3.9, following, may be applicable.

CANCELLED

SEP 26 1994
BY 82 R.S.#6
Public Service Commission
MISSOURI

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APR 11 1993

92 - 304

MO. PUBLIC SERVICE COMM.

Issued: MAR 26 1993

Effective:

APR 11 1993

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
6th Revised Sheet 6
Replacing 5th Revised Sheet 6

ACCESS SERVICES

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AUG 9 1991

MISSOURI

Public Service Commission

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

(MT) 7.1.3 Service Configurations

There are four types of service configurations over which Special Access Services are provided: two-point service, multipoint service, WATS Access Line Service and Service to Service Through Connect Arrangement.

(MT)

A. Two-Point Service

A two-point service connects two customer-designated premises, either on a directly connected basis or through a Hub where multiplexing or Network Reconfiguration Service functions are performed. Applicable rate elements are:

- Channel Terminations
- Channel Mileage (as applicable)
- Optional Features and Functions (when applicable)

In addition, a Special Access Surcharge as set forth in Paragraph 7.3.2, following, and a Message Station Equipment Recovery Charge as set forth in Paragraph 7.3.3, following, and/or an Inside Wire Recovery Charge as set forth in Paragraph 7.3.9, following, may be applicable.

CANCELLED

APR 11 1993

BY MTH R.S # 6

Public Service Commission
MISSOURI

Issued: ~~SEP 0 9 1991~~ AUG 0 9 1991

Effective: ~~SEP 0 9 1991~~ SEP 30 1991

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SEP 30 1991

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
5th Revised Sheet 6
Replacing 4th Revised Sheet 6

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.3 Service Configurations-(Continued)

A. Two-Point Service

A two-point service connects two customer-designated premises, either on a directly connected basis or through a Hub where multiplexing or Network Reconfiguration Service functions are performed. Applicable rate elements are:

- Channel Terminations
- Channel Mileage (as applicable)
- Optional Features and Functions (when applicable)

In addition, a Special Access Surcharge as set forth in Paragraph 7.3.2, following, and a Message Station Equipment Recovery Charge as set forth in Paragraph 7.3.3, following, and/or an Inside Wire Recovery Charge as set forth in Paragraph 7.3.9, following, may be applicable.

(AT)
(AT)

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MAY 29 1991

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Public Service Commission

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SEP 30 1991

BY 6th R.S. #6

Public Service Commission
MISSOURI

Issued: JUN 04 1991

Effective: AUG 05 1991

FILED

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

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
4th Revised Sheet 6
Replacing 3rd Revised Sheet 6

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.3 Service Configurations-(Continued)

(MT) A. Two-Point Service

A two-point service connects two customer-designated premises, either on a directly connected basis or through a Hub where multiplexing functions are performed. Applicable rate elements are:

- Channel Terminations
- Channel Mileage (as applicable)
- Optional Features and Functions (when applicable)

In addition, a Special Access Surcharge as set forth in Paragraph 7.3.2, and a Message Station Equipment Recovery Charge as set forth in Paragraph 7.3.3, following, and/or an Inside Wire Recovery Charge as set forth in Paragraph 7.3.9, following, may be applicable.

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FEB 20 1990

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Public Service Commission

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AUG 2 1991
BY 5th R.S.#6
Public Service Commission
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Issued: FEB 22 1990

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

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

Access Services Tariff
Section 7
3rd Revised Sheet 6
Replacing 2nd Revised Sheet 6

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE--(Continued)

7.1 General--(Continued)

7.1.3 Service Configurations--(Continued)

A. Two-Point Service--(Continued)

Applicable rate elements are:

- Channel Terminations
- Channel Mileage (as applicable)
- Optional Features and Functions (when applicable)

(FC) In addition, a Special Access Surcharge as set forth in Paragraph 7.3.2,
 (FC) and a Message Station Equipment Recovery Charge as set forth in
 (FC) Paragraph 7.3.3, following, and/or an Inside Wire Recovery Charge as set
 forth in Paragraph 7.3.9, following, may be applicable.

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MAR 26 1990
BY 4th R.S.#6
Public Service Commission
MISSOURI

FILED

OCT 1 1989

89-14

Issued: SEP 25 1989

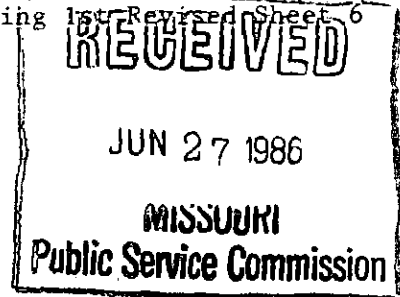
Effective: OCT 1 1989 Public Service Commission

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 6

Replacing 1st Revised Sheet 6



(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.3 Service Configurations-(Continued)

A. Two-Point Service-(Continued)

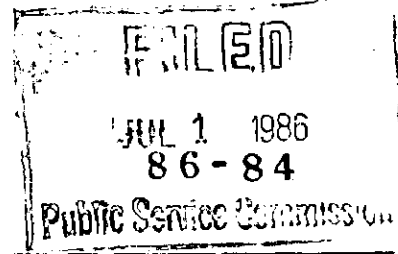
Applicable rate elements are:

- Channel Terminations
- Channel Mileage (as applicable)
- Optional Features and Functions (when applicable)

In addition, a Special Access Surcharge as set forth in Paragraph 7.4.2, following, and a Message Station Equipment Recovery Charge as set forth in Paragraph 7.4.3, following, and/or an Inside Wire Recovery Charge as set forth in Paragraph 7.4.9, following, may be applicable.

CANCELLED

OCT 1 1989
BY 328 R.S.#6
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

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

Access Services Tariff
Section 7
1st Revised Sheet 6
Replacing Original Sheet 6

ACCESS SERVICES

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AUG 14 1984
MISSOURI
Public Service Commission

7. SPECIAL ACCESS SERVICE

7.1 General-(Continued)

7.1.4 Service Configurations-(Continued)

B. Multipoint Service-(Continued)

- 2. The IC will specify the bridging serving wire center (i.e., Hub), selected from the Telephone Company list of available locations.
- 3. Service will be priced as provided.
 - a. Access Connection from the designated IC terminal location to IC serving wire center. (Additional IC terminal locations will be treated as End User's premises.)
 - b. Special Transport from the IC serving wire center to the bridging serving wire center (may also be End User's serving wire center.)
 - c. Appropriate facility interface combination (per End User's premises bridged) and bridging equipment charge. The facility interfaces at the End User's premises do not have to be the same at each End User's premises on a multipoint service, but all must work in combination with a common IC terminal location facility interface. The rates to be applied at the IC terminal location are those for the facility interface combination with the highest monthly rate at the initial installation of service.
 - d. Special Transport from the bridging serving wire center to the End User's serving wire center, if required.
 - e. Special Access Line from the End User's wire center to End User premises (per End User's location).
 - f. Special Access Service Subcharge (per End User's premises)
 - g. Features and functions
 - VG performance
 - Conditioning

(CT)

CANCELLED
JUL 1 1985
BY *2nd R.S.#6*
PUBLIC SERVICE COMMISSION
OF MISSOURI

FILED
OCT 15 1984
Public Service Commission

Issued: AUG 15 1984

Effective: OCT 15 1984

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 6

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE

7.1 General-(Continued)

7.1.4 Service Configurations-(Continued)

B. Multipoint Service-(Continued)

2. The IC will specify the bridging serving wire center (i.e., Hub), selected from the Telephone Company list of available locations.

3. Service will be priced as provided.

- a. Access Connection from the designated IC terminal location to IC serving wire center. (Additional IC terminal locations will be treated as End User's premises.)
- b. Special Transport from the IC serving wire center to the bridging serving wire center (may also be End User's serving wire center.)
- c. Appropriate facility interface combination (per End User's premises bridged) and bridging equipment charge. The facility interfaces at the End User's premises do not have to be the same at each End User's premises on a multipoint service, but all must work in combination with a common IC terminal location facility interface. The rates to be applied at the IC terminal location are those for the facility interface combination with the highest rates at the initial installation of service.
- d. Special Transport from the bridging serving wire center to the End User's serving wire center, if required.
- e. Special Access Line from the End User's wire center to End User premises (per End User's location)
- f. Special Access Service surcharge (per End User's premises)
- g. Features and functions
 - VG performance
 - Conditioning

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DEC 29 1983
Public Service Commission

CANCELLED
OCT 15 1984
BY 1st AS b
PUBLIC SERVICE COMMISSION
OF MISSOURI

FILED
JAN - 1 1984
83 - 253
Public Service Commission

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

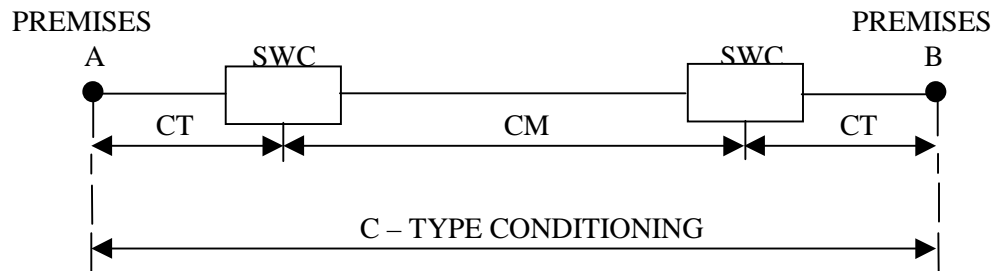
7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.3 Service Configurations-(Continued)

A. Two-Point Service-(Continued)

The following diagram depicts a two-point Voice Grade Service connecting two customer designated premises located 15 miles apart. The service is provided with C-Type conditioning.



CT - CHANNEL TERMINATION
CM - CHANNEL MILEAGE
SWC - SERVING WIRE CENTER

Applicable rate elements are:

- Channel Terminations (2 applicable)
- Channel Mileage (mileage band over 8 to 25 miles)
- C-Type Conditioning Optional Feature (1 per Channel Termination)

Issued: June 27, 1986

Effective: July 1, 1986

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

7. SPECIAL ACCESS SERVICE-(Continued)

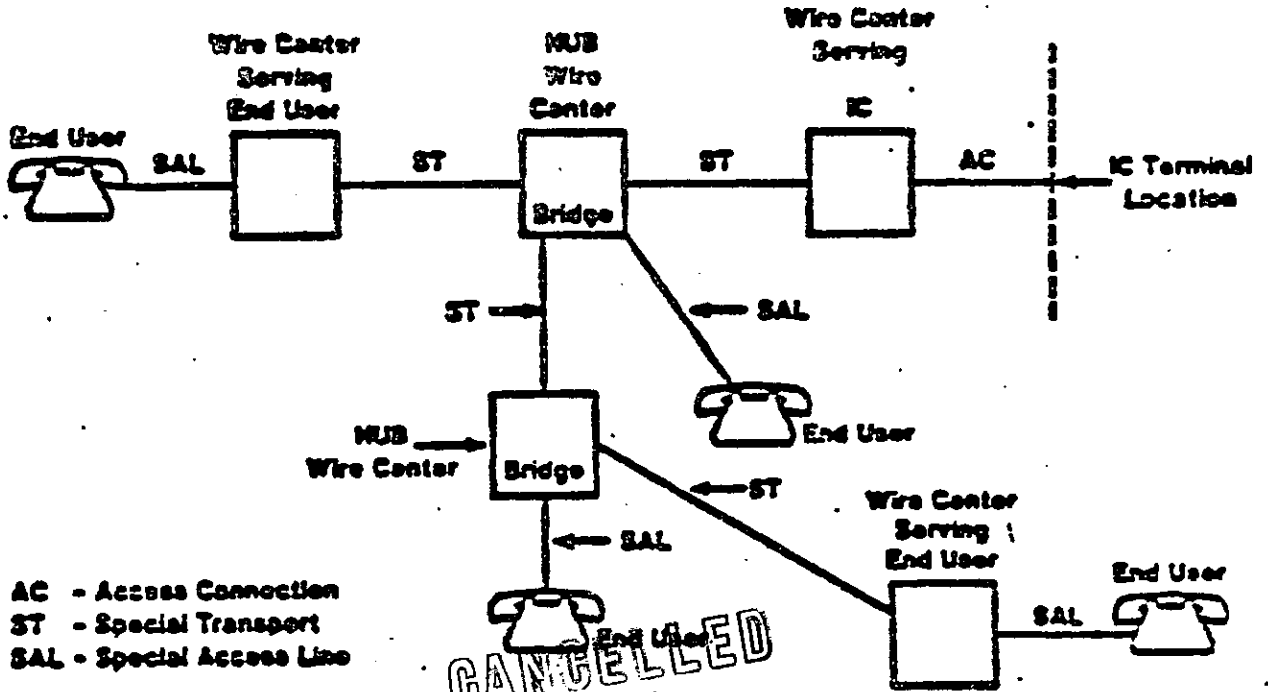
7.1 General-(Continued)

7.1.4 Service Configurations-(Continued)

B. Multipoint Service-(Continued)

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Public Service Commission

MULTIPOINT SERVICE CONFIGURATION



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JUL 1 1986

BY 124 RS 7
PUBLIC SERVICE COMMISSION
MISSOURI

FILED

As each additional leg is added to an existing multipoint service, additional Special Transport, an End User's facility Special Access Line and a Special Access Service Surcharge will be charged to the IC as required. If another bridge is connected, additional Special Transport, End User's facility interface(s), Special Access Line(s) and Special Access Service Surcharge will be charged to the IC as required.

Issued: DEC 29 1983

Effective: JAN 01 1984

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

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

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

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.3 Service Configurations-(Continued)

B. Multipoint Service

Multipoint service connects three or more customer-designated premises through a Telephone Company Hub. There is no limitation on the number of mid-links available with multipoint service. However, when more than three mid-links are provided in tandem, the quality of the service may be degraded. A mid-link is a channel between Hubs (i.e., bridging locations). Only certain types of Special Access Service are provided as multipoint service. These are so designated in the service descriptions set forth in Paragraph 7.2, following.

Multipoint service utilizing a customized technical specifications package as set forth in Paragraph 7.2, following, will be provided when technically possible. If the Telephone Company determines that the requested characteristics for a multipoint service are not compatible, the customer will be advised and given the opportunity to change the order.

(C) When ordering, the customer will select the designated bridging Hub(s) for its serving wire center and the appropriate subtending wire center(s) from the National Exchange Carrier Association, Inc. Tariff filed with the F.C.C.

Applicable Rate Elements are:

- Channel Terminations (one per customer-designated premises)
 - Channel Mileage (as applicable between each designated customer premises serving wire center and the designated Hub and between Hubs)
 - Bridging
- (AT) - Additional Optional Features, BSEs and Functions (when applicable)

In addition, the Special Access Surcharge as set forth in Paragraph 7.3.2, following, and a Message Station Equipment Recovery Charge as set forth in Paragraph 7.3.3, following, may be applicable.

Issued: March 26, 1993

Effective: April 11, 1993

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

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

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

Access Services Tariff
Section 7
7th Revised Sheet 8
Replacing 6th Revised Sheet 8

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

AUG 9 1991

7.1 General-(Continued)

MISSOURI

7.1.3 Service Configurations-(Continued)

Public Service Commission

B. Multipoint Service

Multipoint service connects three or more customer-designated premises through a Telephone Company Hub. There is no limitation on the number of mid-links available with multipoint service. However, when more than three mid-links are provided in tandem, the quality of the service may be degraded. A mid-link is a channel between Hubs (i.e., bridging locations). Only certain types of Special Access Service are provided as multipoint service. These are so designated in the service descriptions set forth in Paragraph 7.2, following.

Multipoint service utilizing a customized technical specifications package as set forth in Paragraph 7.2, following, will be provided when technically possible. If the Telephone Company determines that the requested characteristics for a multipoint service are not compatible, the customer will be advised and given the opportunity to change the order.

(AT) When ordering, the customer will select the designated bridging Hub(s) for his serving wire center and the appropriate subtending wire center(s) from the National Exchange Carrier Association, Inc. Tariff filed with the F.C.C.

Applicable Rate Elements are:

- Channel Terminations (one per customer-designated premises)
- Channel Mileage (as applicable between each designated customer premises serving wire center and the designated Hub and between Hubs)
- Bridging
- Additional Optional Features and Functions (when applicable)

In addition, the Special Access Surcharge as set forth in Paragraph 7.3.2, following, and a Message Station Equipment Recovery Charge as set forth in Paragraph 7.3.3, following, may be applicable.

CANCELLED

APR 11 1993
BY 8th R.S #8
Public Service Commission
MISSOURI

FILED

Issued: **AUG 09 1991**

Effective: ~~SEP 09 1991~~ **SEP 30 1991**

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
6th Revised Sheet 8
Replacing 5th Revised Sheet 8

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

FEB 20 1990

7.1 General-(Continued)

MISSOURI

7.1.3 Service Configurations-(Continued)

Public Service Commission

B. Multipoint Service

Multipoint service connects three or more customer designated premises through a Telephone Company Hub. There is no limitation on the number of mid-links available with multipoint service. However, when more than three mid-links are provided in tandem, the quality of the service may be degraded. A mid-link is a channel between Hubs (i.e., bridging locations). Only certain types of Special Access Service are provided as multipoint service. These are so designated in the service descriptions set forth in Paragraph 7.2, following.

Multipoint service utilizing a customized technical specifications package as set forth in Paragraph 7.2, following, will be provided when technically possible. If the Telephone Company determines that the requested characteristics for a multipoint service are not compatible, the customer will be advised and given the opportunity to change the order.

When ordering, the customer will select the designated bridging Hub(s) for his serving wire center from the National Exchange Carrier Association, Inc. Tariff filed with the F.C.C.

CANCELLED

SEP 30 1991

BY J.R.S.

Public Service Commission

Applicable Rate Elements are:

- Channel Terminations (one per customer designated premises)
- Channel Mileage (as applicable between each designated customer premises serving wire center and the designated Hub and between Hubs)
- Bridging
- Additional Optional Features and Functions (when applicable)

MISSOURI

In addition, the Special Access Surcharge as set forth in Paragraph 7.3.2, following, and a Message Station Equipment Recovery Charge as set forth in Paragraph 7.3.3, following, may be applicable.

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Issued: FEB 22 1990

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

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

Access Services Tariff
Section 7
5th Revised Sheet 8
Replacing 4th Revised Sheet 8

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

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7.1 General-(Continued)

SEP 25 1989

7.1.3 Service Configurations-(Continued)

MISSOURI

B. Multipoint Service

Public Service Commission

Multipoint service connects three or more customer designated premises through a Telephone Company Hub. There is no limitation on the number of mid-links available with multipoint service. However, when more than three mid-links are provided in tandem, the quality of the service may be degraded. A mid-link is a channel between Hubs (i.e., bridging locations). Only certain types of Special Access Service are provided as multipoint service. These are so designated in the service descriptions set forth in Paragraph 7.2, following.

Multipoint service utilizing a customized technical specifications package as set forth in Paragraph 7.2, following, will be provided when technically possible. If the Telephone Company determines that the requested characteristics for a multipoint service are not compatible, the customer will be advised and given the opportunity to change the order.

When ordering, the customer will select the designated bridging Hub(s) for his serving wire center from the appropriate Exchange Carrier Association's Wire Center Information Tariff filed with the F.C.C. and the Telephone Company Bridging and Hubbing List which specifies the type of bridging available at a given location and the wire centers served from that Hub.

Applicable Rate Elements are:

- Channel Terminations (one per customer designated premises)
- Channel Mileage (as applicable between each designated customer premises serving wire center and the designated Hub and between Hubs)
- Bridging
- Addition Optional Features and Functions (when applicable)

(FC) In addition, the Special Access Surcharge as set forth in Paragraph 7.3.2, following, and a Message Station Equipment Recovery Charge as set forth in Paragraph 7.3.3, following, and/or an Inside Wire Recovery Charge as set forth in Paragraph 7.3.9 following, may be applicable.

CANCELLED

FILED

OCT 1 1989
89-14

Issued: SEP 25 1989

Effective: OCT 1 1989

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

MAR 26 1990
BY 6025 #8
MISSOURI
Public Service Commission

Public Service Commission

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

Access Services Tariff
Section 7
4th Revised Sheet 8
Replacing 3rd Revised Sheet 8

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.3 Service Configurations-(Continued)

B. Multipoint Service

Multipoint service connects three or more customer designated premises through a Telephone Company Hub. There is no limitation on the number of mid-links available with multipoint service. However, when more than three mid-links are provided in tandem, the quality of the service may be degraded. A mid-link is a channel between Hubs (i.e., bridging locations). Only certain types of Special Access Service are provided as multipoint service. These are so designated in the service descriptions set forth in Paragraph 7.2, following.

Multipoint service utilizing a customized technical specifications package as set forth in Paragraph 7.2, following, will be provided when technically possible. If the Telephone Company determines that the requested characteristics for a multipoint service are not compatible, the customer will be advised and given the opportunity to change the order.

When ordering, the customer will select the designated bridging Hub(s) for his serving wire center from the appropriate Exchange Carrier Association's Wire Center Information Tariff filed with the F.C.C. and the Telephone Company Bridging and Hubbing List which specifies the type of bridging available at a given location and the wire centers served from that Hub.

Applicable Rate Elements are:

- Channel Terminations (one per customer designated premises)
- Channel Mileage (as applicable between each designated premises serving wire center and the designated Hub and between Hubs)
- Bridging
- Addition Optional Features and Functions (when applicable)

In addition, the Special Access Surcharge as set forth in Paragraph 7.4.2, following, and a Message Station Equipment Recovery Charge as set forth in Paragraph 7.4.3, following, and/or an Inside Wire Recovery Charge as set forth in Paragraph 7.4.9, following, may be applicable.

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AUG 15 1988

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Public Service Commission

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CANCELLED
OCT 1 1989
BY 5# R.S.#8
Public Service Commission
ST. LOUIS

Issued: AUG 15 1988

Effective: SEP 14 1988

FILED

SEP 14 1988

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
3rd Revised Sheet 8
Replacing 2nd Revised Sheet 8

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7. SPECIAL ACCESS SERVICE--(Continued)

MAY 2 1988

7.1 General--(Continued)

7.1.3 Service Configurations--(Continued)

MISSOURI
Public Service Commission

B. Multipoint Service

Multipoint service connects three or more customer designated premises through a Telephone Company Hub. There is no limitation on the number of mid-links available with multipoint service. However, when more than three mid-links are provided in tandem, the quality of the service may be degraded. A mid-link is a channel between Hubs (i.e., bridging locations). Only certain types of Special Access Service are provided as multipoint service. These are so designated in the service descriptions set forth in Paragraph 7.2, following.

Multipoint service utilizing a customized technical specifications package as set forth in Paragraph 7.2, following, will be provided when technically possible. If the Telephone Company determines that the requested characteristics for a multipoint service are not compatible, the customer will be advised and given the opportunity to change the order.

(CT)

When ordering, the customer will specify the desired bridging Hub(s) selected from the appropriate Exchange Carrier Association Tariff filed with the F.C.C. In addition, the Telephone Company will make available a Hub list which will specify the type of bridging available at a given location and the wire centers served from that Hub.

Applicable Rate Elements are:

- Channel Terminations (one per customer designated premises)
- Channel Mileage (as applicable between each designated customer premises serving wire center and the Hub and between Hubs)
- Bridging
- Addition Optional Features and Functions (when applicable)

In addition, the Special Access Surcharge as set forth in Paragraph 7.4.2, following, and a Message Station Equipment Recovery Charge as set forth in Paragraph 7.4.3, following, and/or an Inside Wire Recovery Charge as set forth in Paragraph 7.4.4, following, may be applicable.

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FILED

SEP 14 1988

JUL 1 1988

BY 4th R.S. #8

84-222 et al.

Public Service Commission
MISSOURI

Public Service Commission

Issued: MAY 2 1988

Effective: JUL 1 1988

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 8~~
Replacing ~~1st Revised Sheet 8~~

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JUN 27 1986
MISSOURI
Public Service Commission

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.3 Service Configurations-(Continued)

B. Multipoint Service

Multipoint service connects three or more customer designated premises through a Telephone Company Hub. There is no limitation on the number of mid-links available with multipoint service. However, when more than three mid-links are provided in tandem, the quality of the service may be degraded. A mid-link is a channel between Hubs (i.e., bridging locations). Only certain types of Special Access Service are provided as multipoint service. These are so designated in the service descriptions set forth in Paragraph 7.2, following.

Multipoint service utilizing a customized technical specifications package as set forth in Paragraph 7.2, following, will be provided when technically possible. If the Telephone Company determines that the requested characteristics for a multipoint service are not compatible, the customer will be advised and given the opportunity to change the order.

When ordering, the customer will specify the desired bridging Hub(s) selected from the Exchange Carrier Association Tariff, F.C.C. No. 2. In addition, the Telephone Company will make available a Hub list which will specify the type of bridging available at a given location and the wire centers served from that Hub.

Applicable Rate Elements are:

- Channel Terminations (one per customer designated premises)
- Channel Mileage (as applicable between each designated customer premises serving wire center and the Hub and between Hubs)
- Bridging
- Addition Optional Features and Functions (when applicable)

In addition, the Special Access Surcharge as set forth in Paragraph 7.4.2, following, and a Message Station Equipment Recovery Charge as set forth in Paragraph 7.4.3, following, and/or an Inside Wire Recovery Charge as set forth in Paragraph 7.4.9, following, may be applicable.

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JUL 1 1988
3rd B.S. #8
Public Service Commission
MISSOURI
JUL 1 1986
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
1st Revised Sheet 8
Replacing Original Sheet 8

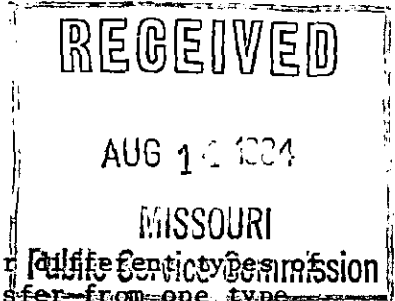
ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.5 Alternate Use

Alternate Use occurs when an IC uses a service for transmission at different times. The IC may transfer of operation to another at will, but only one type of transmission can be used at a time.



The Telephone Company will review each request for alternate use on an individual-case basis. If it agrees to allow the alternate use, the arrangement required to transfer the service from one operation to the other (i.e., the transfer relay and control leads) will be rated and provided on an individual-case basis. The IC will pay the stated tariff rates for the Access Service rate elements ordered (i.e., Access Connection, Special Transport, Facility Interface Combination and Special Access Line).

(RT)

7.1.6 Special Facilities Routing

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

7.1.7 Design Layout Report

The Telephone Company will provide to the IC the make-up of the facilities and services provided under this Tariff as Special Access to aid the IC in designing its overall service. This information will be provided in the form of a Design Layout Report. The Design Layout Report will be provided to the IC at no charge.

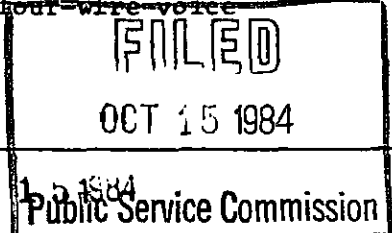
7.1.8 Acceptance Testing

At no additional charge, the Telephone Company will, at the IC's request, cooperatively test at the time of installation the following parameters:

- For Voice Grade Services 1, 2, 3, 6, 7, 8, 9, and 10: loss, three-tone slope, dc continuity and operational signaling. When the Access Connection provides a four-wire voice

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BY *2nd R.S.#8*
PUBLIC SERVICE COMMISSION
OF MISSOURI



Issued: AUG 15 1984

Effective: OCT 15 1984

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 8

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Public Service Commission

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.5 Alternate Use

Alternate Use occurs when an IC uses a service for different types of transmission at different times. The IC may transfer from one type of operation to another at will, but only one type of transmission can be used at a time.

The Telephone Company will review each request for alternate use on an individual-case basis. If it agrees to allow the alternate use, the arrangement required to transfer the service from one operation to the other (i.e., the transfer relay and control leads) will be rated and provided on an individual-case basis and filed in Section 12, Specialized Service or Arrangements. The IC will pay the stated tariff rates for the Access Service rate elements ordered (i.e., Access Connection, Special Transport, Facility Interface Combination and Special Access Line).

7.1.6 Special Facilities Routing

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

~~CANCELLED~~
OCT 15 1984
BY [Signature] PS 8
PUBLIC SERVICE COMMISSION

7.1.7 Design Layout Report

The Telephone Company will provide to the IC the make-up of the facilities and services provided under this Tariff as Special Access to aid the IC in designing its overall service. This information will be provided in the form of a Design Layout Report. The Design Layout Report will be provided to the IC at no charge.

7.1.8 Acceptance Testing

At no additional charge, the Telephone Company will, at the IC's request, cooperatively test at the time of installation the following parameters:

- For Voice Grade (VG) Services 1, 2, 3, 6, 7, 8, 9, and 10: loss, three-tone slope, dc continuity and operational signaling. When the Access Connection provides a four-wire voice

83 - 253

Public Service Commission

Issued: DEC 29 1983

Effective: JAN 01 1984

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

ACCESS SERVICES

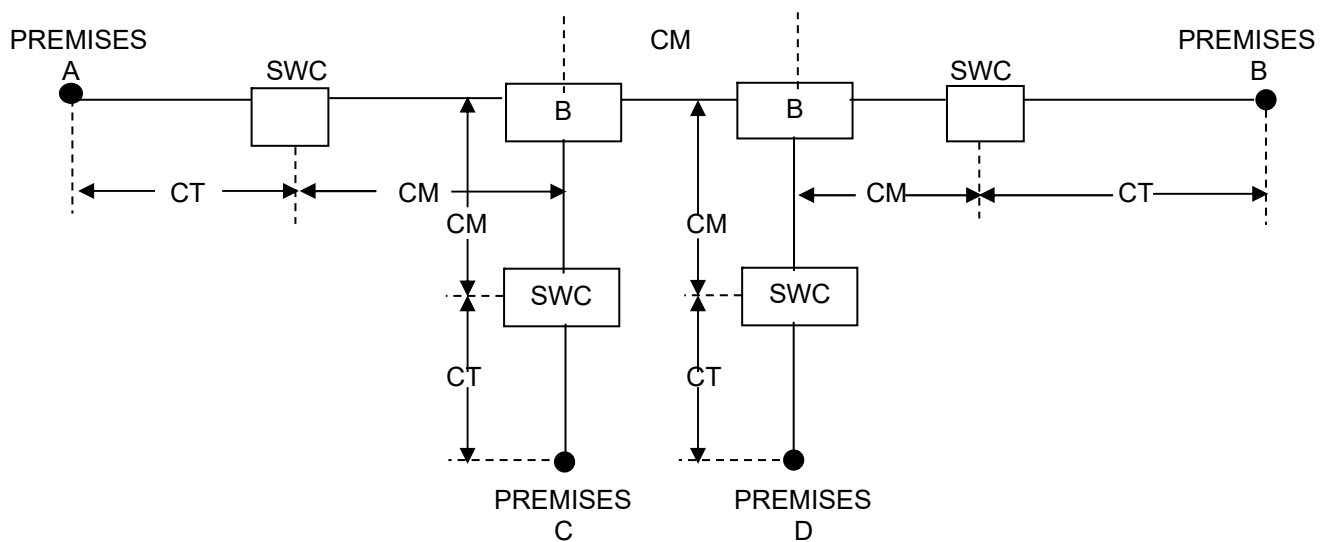
7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.3 Service Configurations-(Continued)

B. Multipoint Service-(Continued)

Example: Voice Grade(1) multipoint service connecting four customer premises via two customer designated bridging hubs. (CP)



CT - CHANNEL TERMINATION
CM - CHANNEL MILEAGE
B - BRIDGING
SWC - SERVING WIRE CENTER

Applicable rate elements are:

- Channel Terminations (4 applicable)
- Channel Mileage (5 sections, each from appropriate mileage band)
- Bridging Optional Feature (6 applicable, i.e., each bridge port)

(1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

(AT)
|
(AT)

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

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

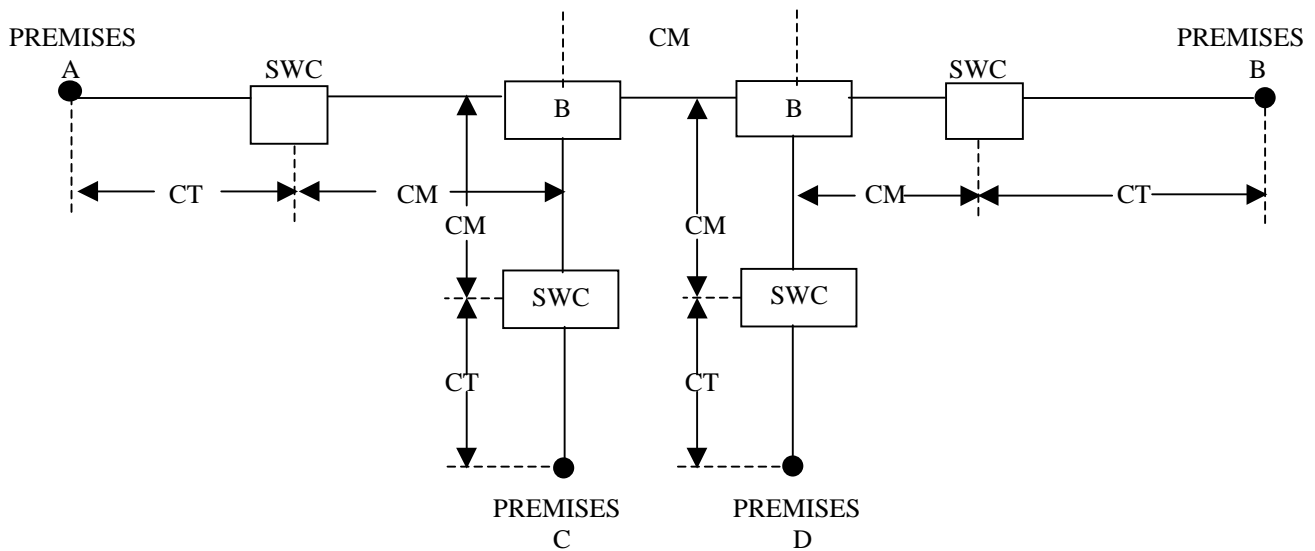
7.1 General-(Continued)

7.1.3 Service Configurations-(Continued)

B. Multipoint Service-(Continued)

Example: Voice Grade multipoint service connecting four customer premises via two customer designated bridging hubs.

(CT)



CT - CHANNEL TERMINATION
CM - CHANNEL MILEAGE
B - BRIDGING
SWC - SERVING WIRE CENTER

Applicable rate elements are:

- Channel Terminations (4 applicable)
- Channel Mileage (5 sections, each from appropriate mileage band)
- Bridging Optional Feature (6 applicable, i.e., each bridge port)

Issued: August 15, 1988

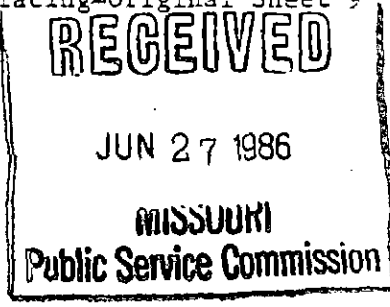
Effective: September 14, 1988

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

CANCELLED
June 30, 2021
Missouri Public
Service Commission
JI-2021-0210

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

Access Services Tariff
Section 7
1st Revised Sheet 9
Replacing Original Sheet 9



(CP)ACCESS SERVICES

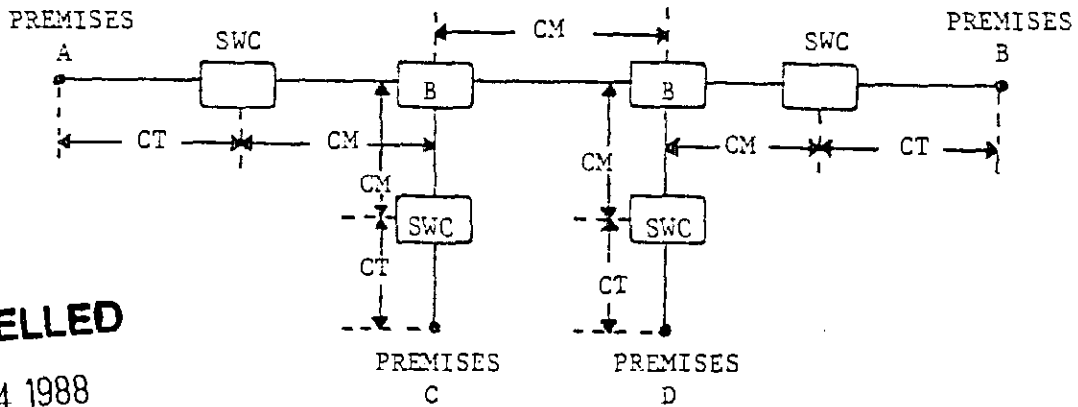
7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.3 Service Configurations-(Continued)

B. Multipoint Service-(Continued)

Example: Voice Grade multipoint service connecting four customer premises via two customer specified bridging hubs.



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SEP 14 1988

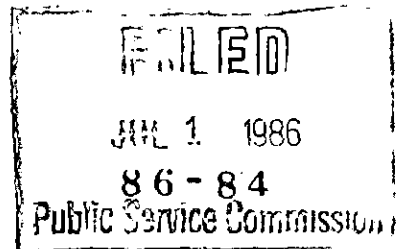
BY *2nd P.S. #9*

Public Service Commission
MISSOURI

CT - CHANNEL TERMINATION
CM - CHANNEL MILEAGE
B - BRIDGING
SWC - SERVING WIRE CENTER

Applicable rate elements are:

- Channel Terminations (4 applicable)
- Channel Mileage (5 sections, each from appropriate mileage band)
- Bridging Optional Feature (6 applicable, i.e., each bridge port)



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 9

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.8 Acceptance Testing-(Continued)

transmission interface and the network interface provides two-wire voice transmission, (i.e., there is a four-wire to two-wire conversion in Special Transport), balance (equal level echo path loss) may also be tested. Additionally, C-notched noise tests will be provided on VG6, 7, 8, 9 and 10.

- All other Access Services will be tested to the performance parameters specified for the individual services.

If acceptance tests are not started within 30 minutes after the scheduled appointment time for such tests, as negotiated between the Telephone Company and the IC, additional charges will apply, as set forth in Section 13, Paragraph 13.2.6, following.

7.1.9 Ordering Options and Conditions

There are two ordering options available to an IC in the provision of Special Access Service. These are:

- Access Order
- Planned Facilities Order

These options are set forth in detail in Section 5, preceding, as are the conditions under which the options may be elected. Cancellation charges associated with these options are also included in Section 5, preceding.

7.1.10 Jurisdictional Report Requirements

When an IC orders Special Access Service for both interstate and intra-state use, the IC is responsible for providing reports as set forth in Section 2, Paragraph 2.3.15, preceding. Charges will be apportioned in accordance with these reports.

CANCELLED

JUL 1 1986

BY 1st R.S. 9
PUBLIC SERVICE COMMISSION
OF MISSOURI

FILED

JAN - 1 1984

88 - 258

Public Service Commission

Issued: DEC 29 1983

Effective: JAN 01 1984

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

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.3 Service Configurations-(Continued)

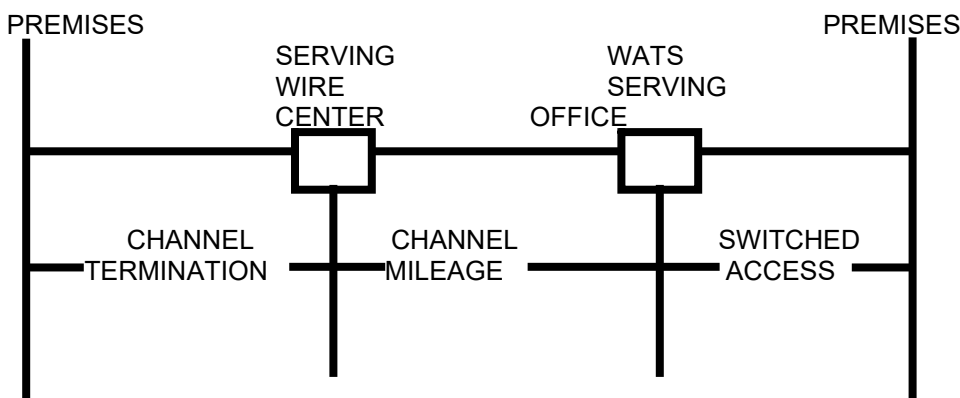
C. WATS Access Line Service(1)

(CP)

WATS Access Line (WAL) provides a Voice Grade(1) Channel Termination and Channel Mileage, where appropriate, between the End User premises and the WATS serving office and is used in conjunction with Switched Access Service as set forth in Section 6, Paragraph 6.2.5 and 6.3.6, preceding.

(CP)

The following diagram depicts a WATS Access Line Service connecting a customer designated premises to the WATS serving office. The customer's serving wire center and the WATS serving office are located 10 miles apart.



Applicable rate elements for the WATS Access Line are:

- Channel Termination (1 applicable)
- Channel Mileage (mileage band over 8 to 25 miles)
- Optional Features and Functions (when applicable)

In addition, a Special Access Surcharge, as set forth in 7.3.2, following, a Message Station Equipment Recovery Charge as set forth in 7.3.3, following, and/or an Inside Wire Recovery Charge as set forth in 7.3.9, following, may be applicable.

- (1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

(AT)

(AT)

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

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

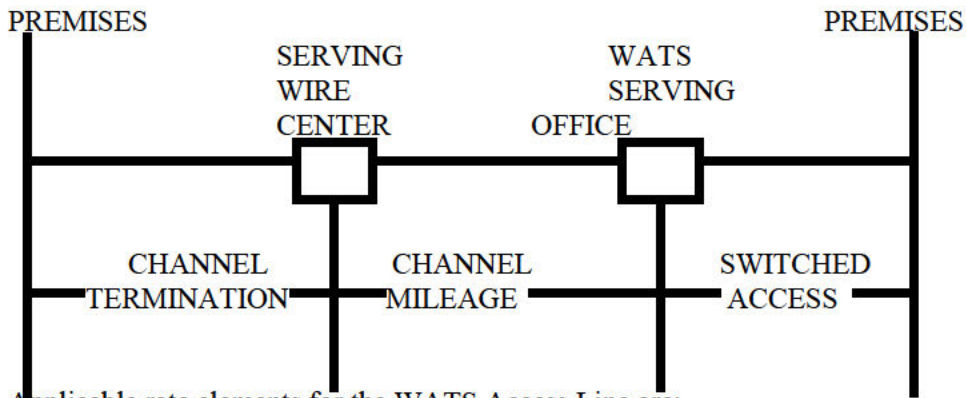
7.1.3 Service Configurations-(Continued)

C. WATS Access Line Service

(AT)

WATS Access Line (WAL) provides a Voice Grade Channel Termination and Channel Mileage, where appropriate, between the End User premises and the WATS serving office and is used in conjunction with Switched Access Service as set forth in Section 6, Paragraph 6.2.5 and 6.3.6, preceding.

The following diagram depicts a WATS Access Line Service connecting a customer designated premises to the WATS serving office. The customer's serving wire center and the WATS serving office are located 10 miles apart.



Applicable rate elements for the WATS Access Line are:

- Channel Termination (1 applicable)
- Channel Mileage (mileage band over 8 to 25 miles)
- Optional Features and Functions (when applicable)

In addition, a Special Access Surcharge, as set forth in 7.3.2, following, a Message Station Equipment Recovery Charge as set forth in 7.3.3, following, and/or an Inside Wire Recovery Charge as set forth in 7.3.9, following, may be applicable.

Issued: March 26, 1993

Effective: April 11, 1993

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 9.01
Replacing Original Sheet 9.01

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE--(Continued)

SEP 25 1989

7.1 General--(Continued)

MISSOURI

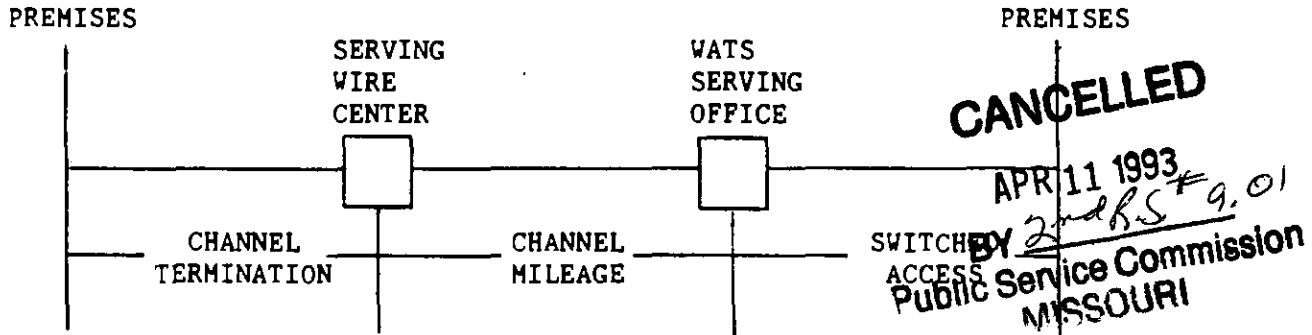
7.1.3 Service Configurations--(Continued)

Public Service Commission

C. WATS Access Line Service

WATS Access Line (WAL) provides a Voice Grade Channel Termination and Channel Mileage, where appropriate, between the End User premises and the WATS serving office and is used in conjunction with Switched Access Service as set forth in Paragraph 6.2.5, preceding.

The following diagram depicts a WATS Access Line Service connecting a customer designated premises to the WATS serving office. The customer's serving wire center and the WATS serving office are located 10 miles apart.



Applicable rate elements for the WATS Access Line are:

- Channel Termination (1 applicable)
- Channel Mileage (mileage band over 8 to 25 miles)
- Optional Features and Functions (when applicable)

(FC)
|
(FC)

In addition, a Special Access Surcharge, as set forth in 7.3.2, following, a Message Station Equipment Recovery Charge as set forth in 7.3.3, following, and/or an Inside Wire Recovery Charge as set forth in 7.3.9, following may be applicable.

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OCT 1 1989
89 - 14

Public Service Commission

Issued: SEP 25 1989

Effective: OCT 1 1989

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 9.01

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.3 Service Configurations-(Continued)

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OCT 1 1989

OCT 13 1987

BY AKRS #9.01
Public Service Commission
MISSOURI

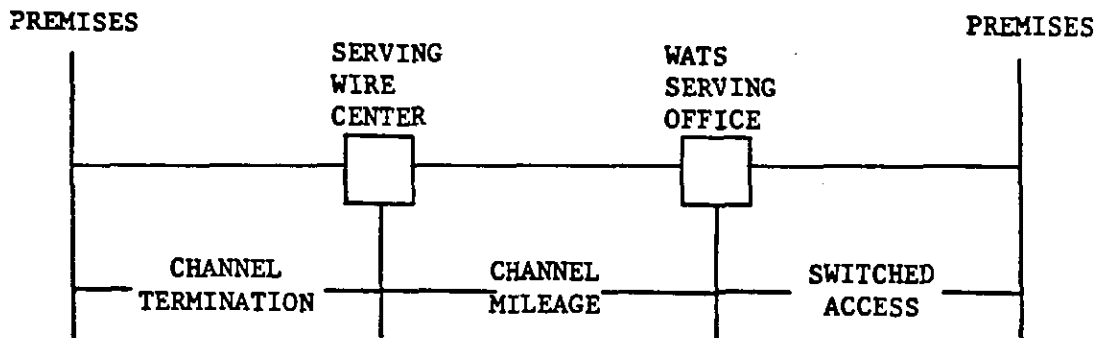
MISSOURI

Public Service Commissioner

(AT) C. WATS Access Line Service

WATS Access Line (WAL) provides a Voice Grade Channel Termination and Channel Mileage, where appropriate, between the End User premises and the WATS serving office and is used in conjunction with Switched Access Service as set forth in Paragraph 6.2.5, preceding.

The following diagram depicts a WATS Access Line Service connecting a customer designated premises to the WATS serving office. The customer's serving wire center and the WATS serving office are located 10 miles apart.



Applicable rate elements for the WATS Access Line are:

- Channel Termination (1 applicable)
- Channel Mileage (mileage band over 8 to 25 miles)
- Optional Features and Functions (when applicable)

In addition, a Special Access Surcharge, as set forth in 7.4.2, following, a Message Station Equipment Recovery Charge as set forth in 7.4.3, following, and/or an Inside Wire Recovery Charge as set forth in 7.4.9, following may be applicable.

(AT)

FILED

OCT 16 1987

To-87-42
Public Service Commissioner

Issued: OCT 14 1987

Effective: OCT 16 1987

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

ACCESS SERVICES

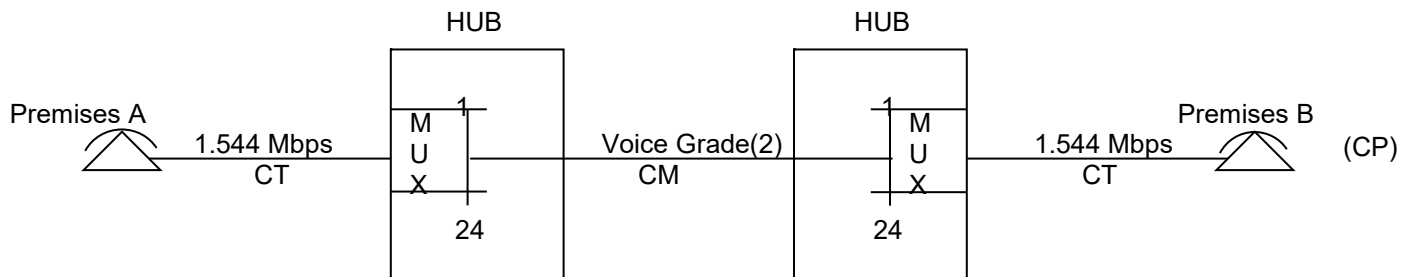
7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.3 Service Configurations-(Continued)

D. Service to Service Through Connect Arrangement

The following diagram depicts Voice Grade(2) Services, extended from DS1 multiplexed services, utilizing a through connect arrangement in a Telephone Company Hub. (CP)
Additional channel mileage was required to co-terminate the services.



CT - Channel Termination
CM - Channel Mileage
0 - Service to Service Through Connect Arrangement

Applicable Rate Elements are:

- Two 1.544 Mbps Channel Terminations (1)
- Two DS1 to Voice Multiplexers (1)
- Voice Grade(2) Channel Mileage (CP)
- Multiplexer to Multiplexer Service to Service Through Connect Arrangement

- (1) Service already established
- (2) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. (AT)
In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. (AT)
Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024. (AT)

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

ACCESS SERVICES

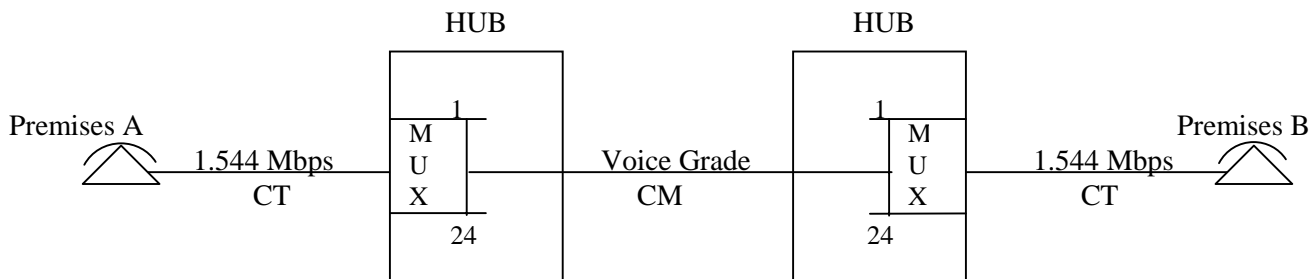
7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.3 Service Configurations-(Continued)

D. Service to Service Through Connect Arrangement

The following diagram depicts Voice Grade Services, extended from DS1 multiplexed services, utilizing a through connect arrangement in a Telephone Company Hub. Additional channel mileage was required to co-terminate the services.



CT - Channel Termination
CM - Channel Mileage
0 - Service to Service Through Connect Arrangement

Applicable Rate Elements are:

- Two 1.544 Mbps Channel Terminations (1)
- Two DS1 to Voice Multiplexers (1)
- Voice Grade Channel Mileage
- Multiplexer to Multiplexer Service to Service Through Connect Arrangement

(1) Service already established

Issued: February 22, 1990

Effective: March 26, 1990

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
2nd Revised Sheet 10
Replacing 1st Revised Sheet 10

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.4 Alternate Use

Alternate use occurs when a service is arranged by the Telephone Company so that the customer can select different types of transmission at different times. A customer may use a service in any privately beneficial manner. However, where technical or engineering changes are required to effectuate an alternate use, the Telephone Company will make such special arrangements available on an individual-case basis.

(AT)

The arrangement required to transfer the service from one operation to the other (i.e., the transfer relay and control leads) will be rated and provided on an individual case basis. The customer will pay the stated tariff rates for the Access Service rate elements for the service ordered (i.e., Channel Terminations, Channel Mileage [as applicable] and Optional Features, BSEs and Functions [if any]).

7.1.5 Special Facilities Routing

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

7.1.6 Design Layout Report

At the request of the customer, the Telephone Company will provide to the customer the make-up of the facilities and services provided under this tariff as Special Access Service to aid the customer in designing its overall service. This information will be provided in the form of a Design Layout Report. The Design Layout Report will be provided to the customer at no charge and will be reissued or updated whenever these facilities are materially changed.

7.1.7 Acceptance Testing

At no additional charge, the Telephone Company will, at the customer's request, cooperatively test, at the time of installation, the following parameters:

Issued: March 26, 1993

Effective: April 11, 1993

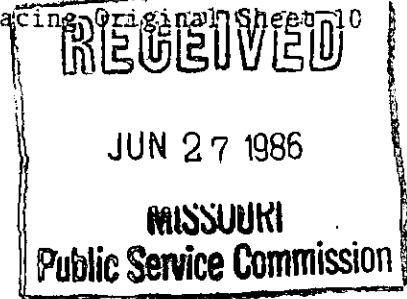
By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

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

Access Services Tariff
Section 7
1st Revised Sheet 10

Replacing Original Sheet 10



(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

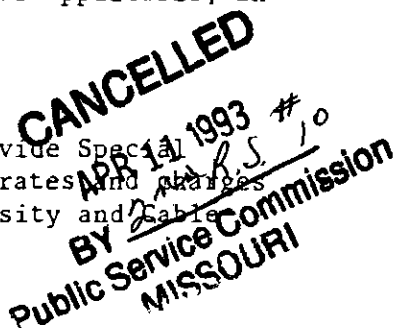
7.1.4 Alternate Use

Alternate use occurs when a service is arranged by the Telephone Company so that the customer can select different types of transmission at different times. A customer may use a service in any privately beneficial manner. However, where technical or engineering changes are required to effectuate an alternate use, the Telephone Company will make such special arrangements available on an individual-case basis.

The arrangement required to transfer the service from one operation to the other (i.e., the transfer relay and control leads) will be rated and provided on an individual case basis. The customer will pay the stated tariff rates for the Access Service rate elements for the service ordered (i.e., Channel Terminations, Channel Mileage [as applicable] and Optional Features and Functions [if any]).

7.1.5 Special Facilities Routing

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

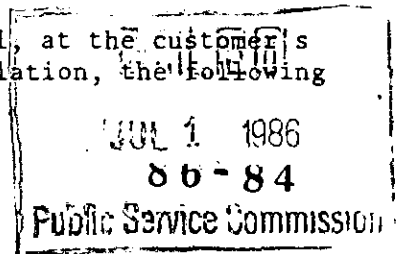


7.1.6 Design Layout Report

At the request of the customer, the Telephone Company will provide to the customer the make-up of the facilities and services provided under this tariff as Special Access Service to aid the customer in designing its overall service. This information will be provided in the form of a Design Layout Report. The Design Layout Report will be provided to the customer at no charge and will be reissued or updated whenever these facilities are materially changed.

7.1.7 Acceptance Testing

At no additional charge, the Telephone Company will, at the customer's request, cooperatively test, at the time of installation, the following parameters:



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) (D)
Original Sheet 10

DEC 29 1983

MISSOURI
Public Service Commission

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Service

Special Access Service may be either analog or digital. Analog services are differentiated by spectrum and bandwidth. Digital services are differentiated by bit rate.

There are five major categories of analog service and three digital services. These are:

- Analog: Narrowband
 - Voice Grade
 - Program Audio
 - Wideband
 - Dedicated Access Line Service
- Digital: Wideband
 - Digital Data
 - High Capacity

Each of these, except Dedicated Access Line Service, are further broken down into a number of subcategories.

This Section includes the technical service descriptions for each type of analog and digital service provided, typical applications for which each type of service can be used, the optional features or functions available with specific services, transmission performances and the available Facility Interface (FI) combinations with which service can be provided. The Facility Interface codes are described in Paragraph 7.3, following.

The Telephone Company will maintain existing transmission performance on service configurations installed prior to January 1, 1984. All service configurations installed after January 1, 1984, will conform to the transmission performance standards contained in this Tariff, except as follows. Where local facility conditions cannot support the transmission performance standards contained in this Tariff, transmission standards that can be supported will be uniformly applied to add to the standards.

CANCELLED

JUL 1 1986
BY 12th R.S.#10
PUBLIC SERVICE COMMISSION
OF MISSOURI

FILED
JAN - 1 1984
83 - 258
Public Service Commission

Issued: DEC 29 1983

Effective: JAN 0 1 1984

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

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.7 Accepting Testing-(Continued)

- A. For Voice Grade(1) analog services, (including WATS Access Lines)(1) acceptance tests will include tests for loss, three-tone slope, DC continuity, operational signaling, C-notched noise and C-message noise when these parameters are applicable and specified in the order for service. Additionally, for Voice Grade(1) Services, a balance (improved loss) test will be made if the customer has ordered the Improved Return Loss or Improved Equal Level Echo Path Loss optional features. (CP)
- B. For other analog services, acceptance tests will include tests for the parameters applicable to the service and specified in the order for service.
- C. For digital services, acceptance tests will include tests applicable to the service as specified in the technical references listed in Paragraph 7.2, following.

In addition to the above tests, Additional Cooperative Acceptance Testing for Voice Grade(1) Services and Digital to test other parameters, as described in Section 13, Paragraph 13.3.5, B., following, is available at the customer's request. All test results will be made available to the customer upon request. (CP)

7.1.8 Ordering Options and Conditions

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

- (1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024. (AT)

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

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.7 Accepting Testing-(Continued)

- A. For Voice Grade analog services, (including WATS Access Lines) acceptance tests will include tests for loss, three-tone slope, DC continuity, operational signaling, C-notched noise and C-message noise when these parameters are applicable and specified in the order for service. Additionally, for Voice Grade Services, a balance (improved loss) test will be made if the customer has ordered the Improved Return Loss or Improved Equal Level Echo Path Loss optional features.
- B. For other analog services, acceptance tests will include tests for the parameters applicable to the service and specified in the order for service.
- C. For digital services, acceptance tests will include tests applicable to the service as specified in the technical references listed in Paragraph 7.2, following.

In addition to the above tests, Additional Cooperative Acceptance Testing for Voice Grade Services and Digital to test other parameters, as described in Section 13, Paragraph 13.3.5, B., following, is available at the customer's request. All test results will be made available to the customer upon request.

(RT)
|
(RT)

7.1.8 Ordering Options and Conditions

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

Issued: January 10, 1997

February 10, 1997

By KAREN E. JENNINGS, 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 11
Replacing 4th Revised Sheet 11

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FEB 9 1993

MISSOURI
Public Service Commission

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.7 Accepting Testing-(Continued)

- A. For Voice Grade analog services, (including WATS Access Lines) acceptance tests will include tests for loss, three-tone slope, DC continuity, operational signaling, C-notched noise and C-message noise when these parameters are applicable and specified in the order for service. Additionally, for Voice Grade Services, a balance (improved loss) test will be made if the customer has ordered the Improved Return Loss or Improved Equal Level Echo Path Loss optional features.
- B. For other analog services, acceptance tests will include tests for the parameters applicable to the service and specified in the order for service.
- C. For digital services, acceptance tests will include tests applicable to the service as specified in the technical references listed in Paragraph 7.2, following.

In addition to the above tests, Additional Cooperative Acceptance Testing for Voice Grade Services and Digital to test other parameters, as described in Section 13, Paragraph 13.3.5, B., following, is available at the customer's request. All test results will be made available to the customer upon request.

- (AT) D. For Business Video Service, acceptance tests will include tests applicable to the service as specified in the technical references listed in Paragraph 7.2, following.

7.1.8 Ordering Options and Conditions

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

UNCANCELLED
FEB 10 1993
BY 6TH R.S. #11
Public Service Commission
MISSOURI

FILED

APR 19 1993

MO. PUBLIC SERVICE COMM.

APR 19 1993

Issued: FEB 09 1993

Effective: ~~MAR 11 1993~~

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
4th Revised Sheet 11
Replacing 3rd Revised Sheet 11

ACCESS SERVICES

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AUG 9 1991

MISSOURI

Public Service Commission

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.7 Accepting Testing-(Continued)

A. For Voice Grade analog services, (including WATS Access Lines) acceptance tests will include tests for loss, three-tone slope, DC continuity, operational signaling, C-notched noise and C-message noise when these parameters are applicable and specified in the order for service. Additionally, for Voice Grade Services, a balance (improved loss) test will be made if the customer has ordered the Improved Return Loss or Improved Equal Level Echo Path Loss optional features.

(RT) B. For other analog services, acceptance tests will include tests for the parameters applicable to the service and specified in the order for service.

(AT) C. For digital services, acceptance tests will include tests applicable to the service as specified in the technical references listed in Paragraph 7.2, following.
(AT)

(AT) In addition to the above tests, Additional Cooperative Acceptance Testing for Voice Grade Services and Digital to test other parameters, as described in Section 13, Paragraph 13.3.5, B., following, is available at the customer's request. All test results will be made available to the customer upon request.
(AT)

7.1.8 Ordering Options and Conditions

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

CANCELLED

APR 19 1993

BY S. W. R.S. # 11

Public Service Commission
MISSOURI

FILED

Issued: AUG 0 9 1991

Effective: ~~SEP 0 9 1991~~
SEP 3 0 1991 ~~SEP 3 0 1991~~

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

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

Access Services Tariff
Section 7
3rd Revised Sheet 11
Replacing 2nd Revised Sheet 11

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ACCESS SERVICES

FEB 20 1990

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

MISSOURI
Public Service Commission

7.1.7 Accepting Testing-(Continued)

A. For Voice Grade analog services (including WATS Access Lines) acceptance tests will include tests for loss, three-tone slope, DC. continuity, operational signaling, C-notched noise and C-message noise when these parameters are applicable and specified in the order for service. Additionally, for Voice Grade Services, a balance (improved loss) test will be made if the customer has ordered the Improved Return Loss or Improved Equal Level Echo Path Loss optional features.

(AT)

B. For other analog services and for digital service, acceptance tests will include tests for the parameters applicable to the service and specified in the order for service.

In addition to the above tests, Additional Cooperative Acceptance Testing for Voice Grade Service to test other parameters, as described in Paragraph 13.3.5, B., following, is available at the customer's request. All test results will be made available to the customer upon request.

7.1.8 Ordering Options and Conditions

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

CANCELLED

SEP 30 1991

BY 4th R.S.#11

Public Service Commission
MISSOURI

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Issued: FEB 22 1990

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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
2nd Revised Sheet 11
Replacing 1st Revised Sheet 11

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

OCT 13 1987

7.1 General-(Continued)

MISSOURI

7.1.7 Accepting Testing-(Continued)

Public Service Commissior

- (AT) A. For Voice Grade analog services (including WATS Access Lines) acceptance tests will include tests for loss, three-tone slope, DC continuity, operational signaling, C-notched noise and C-message noise when these parameters are applicable and specified in the order for service. Additionally, for Voice Grade Services, a balance (improved loss) test will be made if the customer has ordered the improved loss optional feature.
- B. For other analog services and for digital service, acceptance tests will include tests for the parameters applicable to the service and specified in the order for service.

In addition to the above tests, Additional Cooperative Acceptance Testing for Voice Grade Service to test other parameters, as described in Paragraph 13.3.5, B., following, is available at the customer's request. All test results will be made available to the customer upon request.

7.1.8 Ordering Options and Conditions

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

CANCELLED

MAR 26 1990

BY 300 R.S. #11
Public Service Commission
MISSOURI

FILED

OCT 16 1987

TO-87-42
Public Service Commissior

Issued: OCT 14 1987.

Effective: OCT 16 1987

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 11
Replacing Original Sheet 11

(CP)ACCESS SERVICES



7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.7 Accepting Testing-(Continued)

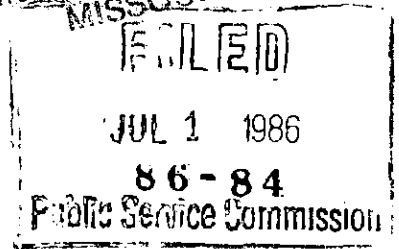
- A. For Voice Grade analog services, acceptance tests will include tests for loss, three-tone slope, DC continuity, operational signaling, C-notched noise and C-message noise when these parameters are applicable and specified in the order for service. Additionally, for Voice Grade Services, a balance (improved loss) test will be made if the customer has ordered the improved loss optional feature.
- B. For other analog services and for digital service, acceptance tests will include tests for the parameters applicable to the service and specified in the order for service.

In addition to the above tests, Additional Cooperative Acceptance Testing for Voice Grade Service to test other parameters, as described in Paragraph 13.3.5, 3., following, is available at the customer's request. All test results will be made available to the customer upon request.

7.1.8 Ordering Options and Conditions

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

CANCELLED
OCT 16 1987
BY *211 RSH*
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

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

Access Services Tariff
Section 7
Original Sheet 11

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DEC 29 1983

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

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

7.2.1 Analog Services

A. Narrowband Services

1. Narrowband 1 (NB1) Special Access Service

a. Description

Special Access Service NB1 provides a channel for a balanced metallic pair between an IC terminal location and an End User's premises. Service will be provided only where appropriate metallic facilities are available. Signal transfer rates up to 30 baud will be accommodated.

b. Illustrative Applications

Special Access Service NB1 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Protective Alarm (Direct Wire)
- Wire Pair Facility

c. Optional Features

- Bridging: provision of tip-to-tip and ring-to-ring connection in a central office of a metallic pair to a second End User's location.
- Customers requiring a four-wire metallic facility must buy two NB1 services.

d. Transmission Performance

- Leakage

Remedial action will be initiated when dc resistance between the conductors in each customer pair or the resistance between individual serving pair conductors and ground is observed to be less than 30,000 ohms.

CANCELLED
JUL 1 1986
BY R. S. #11
PUBLIC SERVICE COMMISSION
OF MISSOURI

JAN - 1 1984
83 - 253

Public Service Commission

Issued: DEC 29 1983

Effective: JAN 0 1 1984

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

P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
9th Revised Sheet 12
Replacing 8th Revised Sheet 12

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions

For the purposes of ordering, there are eight categories of Special Access Service. These are:

Metallic(1) (MT)	(CP)
Telegraph Grade(1) (TG)	
Voice Grade(1) (VG)	(CP)
MegaLink Data(1) (DA)	(CP)
High Capacity (HC)	

Each service consists of a basic channel to which a technical specifications package (customized or pre-defined), channel interface(s) and, when desired, optional features, BSEs and functions are added to construct the service desired by the customer. Each of the components of the service are described in this section.

Customized technical specifications packages will be provided where technically feasible. If the Telephone Company determines that the requested parameter specifications are not compatible, the customer will be advised and given the opportunity to change the order.

When a customized channel is ordered the customer will be notified whether Additional Engineering Charges apply. In such cases, the customer will be given an estimate of the hours to be billed before any further action is taken on the order.

The channel description specifies the characteristics of the basic channel and indicates whether the channel is provided between customer designated premises or between a customer designated premises and a Telephone Company Hub where bridging or multiplexing functions are performed.

- (1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.
- (AT) | (AT)

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions

For the purposes of ordering, there are eight categories of Special Access Service. These are:

Metallic (MT)
Telegraph Grade (TG)
Voice Grade (VG)

MegaLink Data (DA)
High Capacity (HC)

(RT)
(RT)

Each service consists of a basic channel to which a technical specifications package (customized or pre-defined), channel interface(s) and, when desired, optional features, BSEs and functions are added to construct the service desired by the customer. Each of the components of the service are described in this section.

Customized technical specifications packages will be provided where technically feasible. If the Telephone Company determines that the requested parameter specifications are not compatible, the customer will be advised and given the opportunity to change the order.

When a customized channel is ordered the customer will be notified whether Additional Engineering Charges apply. In such cases, the customer will be given an estimate of the hours to be billed before any further action is taken on the order.

The channel description specifies the characteristics of the basic channel and indicates whether the channel is provided between customer designated premises or between a customer designated premises and a Telephone Company Hub where bridging or multiplexing functions are performed.

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions

For the purposes of ordering, there are eight categories of Special Access Service. These are:

Metallic (MT)
Telegraph Grade (TG)
Voice Grade (VG)
Wideband Analog (WA)
Wideband Data (WD)
MegaLink Data (DA)
High Capacity (HC)

(RT)

Each service consists of a basic channel to which a technical specifications package (customized or pre-defined), channel interface(s) and, when desired, optional features, BSEs and functions are added to construct the service desired by the customer. Each of the components of the service are described in this section.

Customized technical specifications packages will be provided where technically feasible. If the Telephone Company determines that the requested parameter specifications are not compatible, the customer will be advised and given the opportunity to change the order.

When a customized channel is ordered the customer will be notified whether Additional Engineering Charges apply. In such cases, the customer will be given an estimate of the hours to be billed before any further action is taken on the order.

The channel description specifies the characteristics of the basic channel and indicates whether the channel is provided between customer designated premises or between a customer designated premises and a Telephone Company Hub where bridging or multiplexing functions are performed.

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

Access Services Tariff
Section 7
6th Revised Sheet 12
Replacing 5th Revised Sheet 12

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions

(CT) For the purposes of ordering, there are eight categories of Special Access Service. These are:

- Metallic (MT)
- Telegraph Grade (TG)
- Voice Grade (VG)
- Wideband Analog (WA)
- Wideband Data (WD)
- MegaLink Data (DA)
- High Capacity (HC)
- DovLink (DOV)

(RT)

Each service consists of a basic channel to which a technical specifications package (customized or pre-defined), channel interface(s) and, when desired, optional features, BSEs and functions are added to construct the service desired by the customer. Each of the components of the service are described in this section.

Customized technical specifications packages will be provided where technically feasible. If the Telephone Company determines that the requested parameter specifications are not compatible, the customer will be advised and given the opportunity to change the order.

When a customized channel is ordered the customer will be notified whether Additional Engineering Charges apply. In such cases, the customer will be given an estimate of the hours to be billed before any further action is taken on the order.

The channel description specifies the characteristics of the basic channel and indicates whether the channel is provided between customer designated premises or between a customer designated premises and a Telephone Company Hub where bridging or multiplexing functions are performed.

Issued: January 10, 1997

February 10, 1997

By KAREN E. JENNINGS, President-Missouri
Southwestern Bell Telephone Company
St. Louis, Missouri

CANCELED
August 18, 2012
Missouri Public
Service Commission
JI-2013-0048

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

Access Services Tariff
Section 7
5th Revised Sheet 12
Replacing 4th Revised Sheet 12

RECEIVED

FEB 9 1993

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions

MISSOURI
Public Service Commission

(CT) For the purposes of ordering, there are nine categories of Special Access Service. These are:

- Metallic (MT)
- Telegraph Grade (TG)
- Voice Grade (VG)
- Wideband Analog (WA)
- Wideband Data (WD)
- MegaLink Data (DA)
- High Capacity (HC)
- DovLink (DOV)
- Business Video (BVS)

(AT)

Each service consists of a basic channel to which a technical specifications package (customized or pre-defined), channel interface(s) and, when desired, optional features, BSEs and functions are added to construct the service desired by the customer. Each of the components of the service are described in this section.

Customized technical specifications packages will be provided where technically feasible. If the Telephone Company determines that the requested parameter specifications are not compatible, the customer will be advised and given the opportunity to change the order.

When a customized channel is ordered the customer will be notified whether Additional Engineering Charges apply. In such cases, the customer will be given an estimate of the hours to be billed before any further action is taken on the order.

The channel description specifies the characteristics of the basic channel and indicates whether the channel is provided between customer designated premises or between a customer designated premises and a Telephone Company Hub where bridging or multiplexing functions are performed.

CANCELLED

FEB 10 1993
BY *6 R.S. #*
Public Service Commission
MISSOURI

FILED

APR 19 1993

Issued: FEB 09 1993

Effective: ~~MAR 11 1993~~

APR 19 1993 MISSOURI PUBLIC SERVICE COMMISSION

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
4th Revised Sheet 12
Replacing 3rd Revised Sheet 12

RECEIVED

MAR 29 1993

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

MISSOURI
Public Service Commission

7.2 Service Descriptions

For the purposes of ordering, there are eight categories of Special Access Service. These are:

- Metallic (MT)
- Telegraph Grade (TG)
- Voice Grade (VG)
- Wideband Analog (WA)
- Wideband Data (WD)
- MegaLink Data (DA)
- High Capacity (HC)
- DovLink (DOV)

CANCELLED

APR 19 1993
BY 5th R.S. #12
Public Service Commission
MISSOURI

(AT)

Each service consists of a basic channel to which a technical specifications package (customized or pre-defined), channel interface(s) and, when desired, optional features, BSEs and functions are added to construct the service desired by the customer. Each of the components of the service are described in this section.

Customized technical specifications packages will be provided where technically feasible. If the Telephone Company determines that the requested parameter specifications are not compatible, the customer will be advised and given the opportunity to change the order.

When a customized channel is ordered the customer will be notified whether Additional Engineering Charges apply. In such cases, the customer will be given an estimate of the hours to be billed before any further action is taken on the order.

The channel description specifies the characteristics of the basic channel and indicates whether the channel is provided between customer designated premises or between a customer designated premises and a Telephone Company Hub where bridging or multiplexing functions are performed.

FILED

APR 11 1993
92 - 304
MO. PUBLIC SERVICE COMM.

Issued: MAR 26 1993

Effective:

APR 11 1993

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
3rd Revised Sheet 12
Replacing 2nd Revised Sheet 12

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE--(Continued)

7.2 Service Descriptions

(CT) For the purposes of ordering, there are eight categories of Special Access Service. These are:

- Metallic (MT)
- Telegraph Grade (TG)
- Voice Grade (VG)
- Wideband Analog (WA)
- Wideband Data (WD)
- MegaLink Data (DA)
- High Capacity (HC)
- DovLink (DOV)

(AT)

CANCELLED
APR 11 1993
BY 4th R.S. #12
Public Service Commission
MISSOURI

Each service consists of a basic channel to which a technical specifications package (customized or pre-defined), channel interface(s) and, when desired, optional features and functions are added to construct the service desired by the customer. Each of the components of the service are described in this section.

Customized technical specifications packages will be provided where technically feasible. If the Telephone Company determines that the requested parameter specifications are not compatible, the customer will be advised and given the opportunity to change the order.

When a customized channel is ordered the customer will be notified whether Additional Engineering Charges apply. In such cases, the customer will be given an estimate of the hours to be billed before any further action is taken on the order.

The channel description specifies the characteristics of the basic channel and indicates whether the channel is provided between customer-designated premises or between a customer-designated premises and a Telephone Company Hub where bridging or multiplexing functions are performed.

DEC 4 1992

MO. PUBLIC SERVICE COMMISSION

DEC - 4 1992

Issued: **OCT - 5 1992**

Effective: ~~NOV - 5 1992~~

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
2nd Revised Sheet 12
Replacing 1st Revised Sheet 12

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

SEP 25 1989

7.2 Service Descriptions

MISSOURI

(CT) For the purposes of ordering, there are seven categories of Special Access Service. These are:

Public Service Commission

- Metallic (MT)
- Telegraph Grade (TG)
- Voice Grade (VG)

CANCELLED

(RT)

- Wideband Analog (WA)
- Wideband Data (WD)
- MegaLink Data (DA)
- High Capacity (HC)

DEC 4 1992
BY 3rd R.S. #12

(CT)

Public Service Commission
MISSOURI

Each service consists of a basic channel to which a technical specifications package (customized or predefined), channel interface(s) and, when desired, optional features and functions are added to construct the service desired by the customer. Each of the components of the service are described in this section.

Customized technical specifications packages will be provided where technically feasible. If the Telephone Company determines that the requested parameter specifications are not compatible, the customer will be advised and given the opportunity to change the order.

When a customized channel is ordered the customer will be notified whether Additional Engineering Charges apply. In such cases, the customer will be given an estimate of the hours to be billed before any further action is taken on the order.

The channel description specifies the characteristics of the basic channel and indicates whether the channel is provided between customer designated premises or between a customer designated premises and a Telephone Company Hub where bridging or multiplexing functions are performed.

FILED

Issued: SEP 25 1989

Effective: OCT 1 1989 89-14

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
1st Revised Sheet 12
Replacing-Original-Sheet-12

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions

For the purposes of ordering, there are nine categories of Special Access Service. These are:

- Metallic (MT)
- Telegraph Grade (TG)
- Voice Grade (VG)
- Program Audio (AP)
- Wideband Analog (WA)
- Wideband Data (WD)
- Digital Data (DA)
- High Capacity (HC)

RECEIVED
JUN 27 1986
MISSOURI
Public Service Commission

CANCELLED
OCT 1 1989
BY *Jms* R.S. #12
Public Service Commission
MISSOURI

Each service consists of a basic channel to which a technical specifications package (customized or predefined), channel interface(s) and, when desired, optional features and functions are added to construct the service desired by the customer. Each of the components of the service are described in this section.

Customized technical specifications packages will be provided where technically feasible. If the Telephone Company determines that the requested parameter specifications are not compatible, the customer will be advised and given the opportunity to change the order.

When a customized channel is ordered the customer will be notified whether Additional Engineering Charges apply. In such cases, the customer will be given an estimate of the hours to be billed before any further action is taken on the order.

The channel description specifies the characteristics of the basic channel and indicates whether the channel is provided between customer designated premises or between a customer designated premises and a Telephone Company Hub where bridging or multiplexing functions are performed.

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JUL 1 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 12

DEC 29 1983

L.S. BARRON

Public Service Commission

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

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

7.2.1 Analog Services-(Continued)

A. Narrowband Services-(Continued)

1. Narrowband 1 (NB1) Special Access Service-(Continued)

e. Available Facility Interface Combinations

<u>IC</u>	<u>End User</u>
2DC8-3	2DC8-3

2. Narrowband 2 (NB2) Special Access Service

a. Description

Special Access Service NB2 provides a channel for simplex low-frequency, narrowband electrical transmission which may be provided to a number of End User's premises (up to a maximum of 25) to form a series of electrical paths from the IC terminal location to each End User's premises. The electrical path is capable of transporting the three-level signal used in the McCulloh signaling system at speeds up to 15 bps.

Service will be provided only where appropriate metallic or other facilities are available.

b. Illustration Application

Special Access Service NB2 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Protective Alarm (McCulloh)

BY 1st R.S. 12
PUBLIC SERVICE COMMISSION
OF MISSOURI

FILED

JAN - 1 1984

83 - 253
Public Service Commission

Issued: DEC 29 1983

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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
4th Revised Sheet 13
Replacing 3rd Revised Sheet 13

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

Information pertaining to the technical specification package indicates the transmission parameters that are available with each package. This information is displayed in a matrix with the transmission parameters listed down the left side and the packages listed across the top. Each package is identified by a code, e.g., VGC. The first two letters of the code indicate the category of Special Access Service to which the parameters are applicable. These two letter codes are shown above in parentheses following the category of Special Access Service. The letter "C" following the two letter code indicates the technical specification package for a customized service. An alpha-numeric or alpha –numeric designation following the two letter code indicates the specific pre-defined package. For a customized service, the customer may select any parameter available with that category of service as long as the parameters are compatible. When appropriate, the Technical Reference which contains detailed specifications for the parameters is shown following the matrix.

Channel interfaces at each point of termination on a two-point service may be symmetrical or asymmetrical . On a multipoint service can only be provided between points of termination with compatible channel interfaces. Only certain channel interfaces are compatible.

Only certain channel interface combinations are available with the predefined technical specifications packages. These are delineated in the Technical References set forth at the end of this Paragraph 7.2. When a customized channel is requested, all channel interface combinations available with the specified type of service are available with the customized channel.

- (AT) The optional features, BSEs and functions available with each type of Special Access Service
- (AT) are described in this section. The optional features, BSEs and functions information also indicates with which technical specifications packages they are available. Such information is displayed in a
- (AT) matrix with the optional features, BSE or function listed down the left side and the technical specifications package listed across the top.

Issued: March 26, 1993

Effective: April 11, 1993

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

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

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

Access Services Tariff
Section 7
3rd Revised Sheet 13
Replacing 2nd Revised Sheet 13

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ACCESS SERVICES

SEP 25 1989

7. SPECIAL ACCESS SERVICE--(Continued)

7.2 Service Descriptions--(Continued)

MISSOURI
Public Service Commission

Information pertaining to the technical specifications packages indicates the transmission parameters that are available with each package. This information is displayed in a matrix with the transmission parameters listed down the left side and the packages listed across the top. Each package is identified by a code, e.g., VGC. The first two letters of the code indicate the category of Special Access Service to which the parameters are applicable. These two letter codes are shown above in parentheses following the category of Special Access Service. The letter "C" following the two letter code indicates the technical specifications package for a customized service. An alpha-numeric or alpha-numeric designation following the two letter code indicates the specific predefined package. For a customized service, the customer may select any parameters available with that category of service as long as the parameters are compatible. When appropriate, the Technical Reference which contains detailed specifications for the parameters is shown following the matrix.

Channel interfaces at each point of termination on a two-point service may be symmetrical or asymmetrical. On a multipoint service they may also be symmetrical or asymmetrical. However, communications can only be provided between points of termination with compatible channel interfaces. Only certain channel interfaces are compatible.

(RT)
(RT)

Only certain channel interface combinations are available with the predefined technical specifications packages. These are delineated in the Technical References set forth at the end of this Paragraph 7.2. When a customized channel is requested, all channel interface combinations available with the specified type of service are available with the customized channel.

The optional features and functions available with each type of Special Access Service are described in this section. The optional features and functions information also indicates with which technical specifications packages they are available. Such information is displayed in a matrix with the optional feature or function listed down the left side and the technical specifications package listed across the top.

CANCELLED

APR 11 1993
BY H. R.S. #13
Public Service Commission
MISSOURI FILED

Issued: SEP 25 1989

Effective: OCT 1 1989

By R. D. BARRON, President-Missouri Division, Southwestern Bell Telephone Company
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
2nd Revised Sheet 13
Replacing 1st Revised Sheet 13

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OCT 13 1987

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

MISSOURI
Public Service Commission

(AT)

Information pertaining to the technical specifications packages indicates the transmission parameters that are available with each package. This information is displayed in a matrix with the transmission parameters listed down the left side and the packages listed across the top. Each package is identified by a code, e.g., VGC. The first two letters of the code indicate the category of Special Access Service to which the parameters are applicable. These two letter codes are shown above in parentheses following the category of Special Access Service. The letter "C" following the two letter code indicates the technical specifications package for a customized service. An alpha-numeric or alpha-numeric designation following the two letter code indicates the specific predefined package. For a customized service, the customer may select any parameters available with that category of service as long as the parameters are compatible. When appropriate, the Technical Reference which contains detailed specifications for the parameters is shown following the matrix.

Channel interfaces at each point of termination on a two-point service may be symmetrical or asymmetrical. On a multipoint service they may also be symmetrical or asymmetrical. However, communications can only be provided between points of termination with compatible channel interfaces. Only certain channel interfaces are compatible. These are set forth in Paragraph 7.3.5, following, in a combination format.

Only certain channel interface combinations are available with the predefined technical specifications packages. These are delineated in the Technical References set forth at the end of this Paragraph 7.2. When a customized channel is requested, all channel interface combinations available with the specified type of service are available with the customized channel.

The optional features and functions available with each type of Special Access Service are described in this section. The optional features and functions information also indicates with which technical specifications packages they are available. Such information is displayed in a matrix with the optional feature or function listed down the left side and the technical specifications package listed across the top.

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OCT 1 1989

BY 320 B.S. #13

OCT 16 1987

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Public Service Commission
MISSOURI

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

Access Services Tariff
Section 7
1st Revised Sheet 13
~~Replacing-Original-Sheet 13~~

(CP)ACCESS SERVICES

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JUN 27 1986

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

MISSOURI

Public Service Commission

Information pertaining to the technical specifications packages indicate the transmission parameters that are available with each package. This information is displayed in a matrix with the transmission parameters listed down the left side and the packages listed across the top. Each package is identified by a code, e.g., VGC. The first two letters of the code indicate the category of Special Access Service to which the parameters are applicable. These two letter codes are shown above in parentheses following the category of Special Access Service. The letter "C" following the two letter code indicates the technical specifications package for a customized service. A numeric or alpha-numeric designation following the two letter code indicates the specific predefined package. For a customized service, the customer may select any parameters available with that category of service as long as the parameters are compatible. When appropriate, the Technical Reference which contains detailed specifications for the parameters is shown following the matrix.

Channel interfaces at each point of termination on a two-point service may be symmetrical or asymmetrical. On a multipoint service they may also be symmetrical or asymmetrical. However, communications can only be provided between points of termination with compatible channel interfaces. Only certain channel interfaces are compatible. These are set forth in Paragraph 7.3.5, following, in a combination format.

CANCELLED

OCT 16 1987

Only certain channel interface combinations are available with predefined technical specifications packages. These are delineated in the Technical References set forth at the end of this Paragraph 7.2. When a customized channel is requested, all channel interface combinations available with the specified type of service are available with the customized channel.

WBR 201 R.S. #13

Public Service Commission

The optional features and functions available with each type of Special Access Service are described in this section. The optional features and functions information also indicates with which technical specifications packages they are available. Such information is displayed in a matrix with the optional feature or function listed down the left side and the technical specifications package listed across the top.

FILED

JUL 1 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 13
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DEC 29 1983
MISSOURI
Public Service Commission

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

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

7.2.1 Analog Services-(Continued)

A. Narrowband Services-(Continued)

2. Narrowband 2 (NB2) Special Access Service-(Continued)

c. Optional Feature

- Series Bridging: up to 25 End User's premises.

d. Transmission Performance

- Leakage

Remedial action will be initiated when the dc resistance between the conductors in each serving pair and the resistance between individual serving pair conductors and ground and observed to be less than 30,000 ohms.

e. Available Facility Interface Combinations

<u>IC</u>	<u>End User</u>	<u>IC</u>	<u>End User</u>
2DC8-2	2DC8-1	4AH5-B(2)	2DC8-1
2DC8-1	2DC8-2	4AH5-B(2)	2DC8-2
4DS9-(1)	2DC8-1	4AH6-C(2)	2DC8-2
4DS9-(1)	2DC8-2	4AH6-D(2)	2DC8-1
4AH6-D(2)	2DC8-2	4AH6-C(2)	2DC8-1

3. Narrowband 3 (NB3) Special Access Service

Reserved For Future Use

CANCELLED
JUL 1 1986
BY R. S. 13
PUBLIC SERVICE COMMISSION
OF MISSOURI

FILED
JAN - 1 1984
83 - 253
Public Service Commission

- (1) See Paragraph 7.3.3, following, for explanation.
- (2) 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 0 1 1984

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

P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
10th Revised Sheet 14
Replacing 9th Revised Sheet 14

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

The Telephone Company will maintain existing transmission specifications on services installed prior to the effective date of this Tariff, except that the existing services with performance specifications exceeding the standard listed in this provision will be maintained at the performance levels specified in this Tariff. All services installed after the effective date of this Tariff will conform to the transmission specification standards contained in this Tariff or in the following Technical References for each category of service:

Metallic(1)	TR-NPL-000336	(CP)
Telegraph Grade(1)	TR-NPL-000336	
Voice Grade(1)	TR-TSY-000335	(CP)
		(RT)
		(RT)
MegaLink Data(1)	TR-NPL-000341	(CP)
	PUB 62310	
High Capacity	PUB 76625	
	PUB 62411	
	TR-INS-000342	

- (1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024. (AT)
- (AT)

P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
9th Revised Sheet 14
Replacing 8th Revised Sheet 14

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

The Telephone Company will maintain existing transmission specifications on services installed prior to the effective date of this Tariff, except that the existing services with performance specifications exceeding the standard listed in this provision will be maintained at the performance levels specified in this Tariff. All services installed after the effective date of this Tariff will conform to the transmission specification standards contained in this Tariff or in the following Technical References for each category of service:

Metallic	TR-NPL-000336
Telegraph Grade	TR-NPL-000336
Voice Grade	TR-TSY-000335
Wideband Analog	TR-NPL-000339
Wideband Data	TR-NPL-000340
MegaLink Data	TR-NPL-000341
High Capacity	PUB 62310
	PUB 76625
	PUB 62411
	TR-INS-000342

(RT)

Issued: July 19, 2012

Effective: August 18, 2012

CANCELLED
June 30, 2021
Missouri Public
Service Commission
JI-2021-0210

By JOHN SONDAG, President - Missouri
St. Louis, Missouri

FILED
Missouri Public
Service Commission
JI-2013-0048

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

Access Services Tariff
Section 7
8th Revised Sheet 14
Replacing 7th Revised Sheet 14

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

The Telephone Company will maintain existing transmission specifications on services installed prior to the effective date of this Tariff, except that the existing services with performance specifications exceeding the standard listed in this provision will be maintained at the performance levels specified in this Tariff. All services installed after the effective date of this Tariff will conform to the transmission specification standards contained in this Tariff or in the following Technical References for each category of service:

Metallic	TR-NPL-000336
Telegraph Grade	TR-NPL-000336
Voice Grade	TR-TSY-000335
Wideband Analog	TR-NPL-000339
Wideband Data	TR-NPL-000340
MegaLink Data	TR-NPL-000341
	PUB 62310
High Capacity	PUB 76625
	PUB 62411
	TR-INS-000342
DovLink	TP-76620

(RT)

 Issued: January 10, 1997

February 10, 1997

By KAREN E. JENNINGS, President-Missouri
Southwestern Bell Telephone Company
St. Louis, Missouri

CANCELED
August 18, 2012
Missouri Public
Service Commission
JI-2013-0048

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

Access Services Tariff
Section 7
7th Revised Sheet 14
Replacing 6th Revised Sheet 14

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FEB 9 1993

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

MISSOURI
Public Service Commission

The Telephone Company will maintain existing transmission specifications on services installed prior to the effective date of this Tariff, except that the existing services with performance specifications exceeding the standard listed in this provision will be maintained at the performance levels specified in this Tariff. All services installed after the effective date of this Tariff will conform to the transmission specification standards contained in this Tariff or in the following Technical References for each category of service:

Metallic	TR-NPL-000336
Telegraph Grade	TR-NPL-000336
Voice Grade	TR-TSY-000335
Wideband Analog	TR-NPL-000339
Wideband Data	TR-NPL-000340
MegaLink Data	TR-NPL-000341
	PUB 62310
High Capacity	PUB 76625
	PUB 62411
	TR-INS-000342
DovLink	TP-76620
Business Video	TP-76644

(AT)

CANCELLED

FEB 10 1997
BY 8 R.R.S. #14
Public Service Commission
MISSOURI

FILED

APR 19 1993

Issued: FEB 09 1993 Effective: APR 19 1993 ~~APR 11 1993~~ MO. PUBLIC SERVICE COMMISSION

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
6th Revised Sheet 14
Replacing 5th Revised Sheet 14

ACCESS SERVICES

OCT 5 1992

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

The Telephone Company will maintain existing transmission specifications on services installed prior to the effective date of this Tariff, except that the existing services with performance specifications exceeding the standard listed in this provision will be maintained at the performance levels specified in this Tariff. All services installed after the effective date of this Tariff will conform to the transmission specification standards contained in this Tariff or in the following Technical References for each category of service:

Metallic	TR-NPL-000336
Telegraph Grade	TR-NPL-000336
Voice Grade	TR-TSY-000335
Wideband Analog	TR-NPL-000339
Wideband Data	TR-NPL-000340
MegaLink Data	TR-NPL-000341
	PUB 62310
High Capacity	PUB 76625
	PUB 62411
	TR-INS-000342
	TP-76620

(AT)

CANCELLED

APR 19 1993
BY 7th R.S. #14
Public Service Commission
MISSOURI

DEC 4 1992

MO. PUBLIC SERVICE COMMISSION

~~DEC - 4 1992~~

Issued:

OCT - 5 1992

Effective:

~~NOV - 5 1992~~

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
5th Revised Sheet 14
Replacing 4th Revised Sheet 14

ACCESS SERVICES

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AUG 9 1991

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

MISSOURI

Public Service Commission

The Telephone Company will maintain existing transmission specifications on services installed prior to the effective date of this Tariff, except that the existing services with performance specifications exceeding the standard listed in this provision will be maintained at the performance levels specified in this Tariff. All services installed after the effective date of this Tariff will conform to the transmission specification standards contained in this Tariff or in the following Technical References for each category of service:

(CT)

Metallic	TR-NPL-000336
Telegraph Grade	TR-NPL-000336
Voice Grade	TR-TSY-000335
Wideband Analog	TR-NPL-000339
Wideband Data	TR-NPL-000340
MegaLink Data	TR-NPL-000341
	PUB 62310
High Capacity	PUB 76625
	PUB 62411
	TR-INS-000342

(CT)

CANCELLED

DEC 4 1992
BY G. R. S. #
Public Service Commission
MISSOURI

Issued: AUG 9 1991

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FILED

SEP 30 1991

SEP 30 1991

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
4th Revised Sheet 14
Replacing 3rd Revised Sheet 14

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

FEB 20 1990

7.2 Service Descriptions-(Continued)

MISSOURI

The Telephone Company will maintain existing transmission specifications on services installed prior to the effective date of this Tariff, except that the existing services with performance specifications exceeding the standard listed in this provision will be maintained at the performance levels specified in this Tariff. All services installed after the effective date of this Tariff will conform to the transmission specification standards contained in this tariff or in the following Technical References for each category of service:

(CT)
(CT)

Metallic	PUB	62502
Telegraph Grade	PUB	62502
Voice Grade	NPL	000334 (WALs)
	NPL	000335 and associated Addendum
	PUB	41004, Table 4
Wideband Analog	PUB	62505 and associated Addendum
Wideband Data	PUB	62506
MegaLink Data	PUB	62507 and associated Addendum
	PUB	62310
High Capacity	PUB	62508
	PUB	62411

CANCELLED

SEP 30 1991

BY 5th R.S. 14

Public Service Commission
MISSOURI

Issued: FEB 22 1990

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FILED

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

MAR 26 1990

Public Service Commission

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

Access Services Tariff
Section 7
3rd Revised Sheet 14
Replacing 2nd Revised Sheet 14

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE--(Continued)

SEP 25 1989

7.2 Service Descriptions--(Continued)

MISSOURI

The Telephone Company will maintain existing transmission specifications on services installed prior to the effective date of this Tariff, except that the existing services with performance specifications exceeding the standard listed in this provision will be maintained at the performance levels specified in this Tariff. All services installed after the effective date of this Tariff will conform to the transmission specification standards contained in this tariff or in the following Technical References for each category of service:

Metallic	PUB	62502
Telegraph Grade	PUB	62502
Voice Grade	PUB	62500 (VALs)
	PUB	62501 and associated Addendum
	PUB	41004, Table 4
(RT) Wideband Analog	PUB	62505 and associated Addendum
Wideband Data	PUB	62506
(CT) MegaLink Data	PUB	62507 and associated Addendum
	PUB	62310
High Capacity	PUB	62508
	PUB	62411

CANCELLED

MAR 26 1990
BY 4#RS #14
Public Service Commission
MISSOURI

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Issued: SEP 25 1989

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OCT 1 1989

89-14

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 14
Replacing 1st Revised Sheet 14
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ACCESS SERVICES

OCT 13 1987

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

MISSOURI
Public Service Commission

The Telephone Company will maintain existing transmission specifications on services installed prior to the effective date of this Tariff, except that the existing services with performance specifications exceeding the standard listed in this provision will be maintained at the performance levels specified in this Tariff. All services installed after the effective date of this Tariff will conform to the transmission specification standards contained in this tariff or in the following Technical References for each category of service:

(AT)

Metallic	PUB 62502
Telegraph Grade	PUB 62502
Voice Grade	PUB 62500 (WALs)
	PUB 62501 and associated Addendum
	PUB 41004, Table 4
Program Audio	PUB 62503 and associated Addendum
Wideband Analog	PUB 62505 and associated Addendum
Wideband Data	PUB 62506
Digital Data	PUB 62507 and associated Addendum
	PUB 62310
High Capacity	PUB 62508
	PUB 62411

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OCT 16 1987
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By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
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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 14
~~Replacing Original Sheet 14~~

(CP)ACCESS SERVICES

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JUN 27 1986
MISSOURI
Public Service Commission

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

The Telephone Company will maintain existing transmission specifications on services installed prior to the effective date of this tariff, except that the existing services with performance specifications exceeding the standard listed in this provision will be maintained at the performance levels specified in this Tariff. All services installed after the effective date of this Tariff will conform to the transmission specification standards contained in this tariff or in the following Technical References for each category of service:

Metallic	PUB 62502
Telegraph Grade	PUB 62502
Voice Grade	PUB 62501 and associated Addendum
	PUB 41004, Table 4
Program Audio	PUB 62503 and associated Addendum
Wideband Analog	PUB 62505 and associated Addendum
Wideband Data	PUB 62506
Digital Data	PUB 62507 and associated Addendum
	PUB 62310
High Capacity	PUB 62508
	PUB 62411

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OCT 16 1987
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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 14

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DEC 29 1983
Public Service Commission

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

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

7.2.1 Analog Services-(Continued)

A. Narrowband Services-(Continued)

4. Narrowband 4 (NB4) Special Access Service

a. Description

Special Access Service NB4 provides a channel for transmission of asynchronous transitions between two current levels at rates up to 75 baud between an IC terminal location and an End User's premises. This service is furnished for half-duplex or duplex operation on a two-point or multipoint configuration. Neither direct current continuity of this service nor the capability to transport continuously varying alternating current is assured.

b. Illustrative Applications

Special Access Service NB4 is suitable for use as part of the facilities required to provide intrastate telecommunications service such as:

- Telegraph Grade Facilities
- Entrance Facility - Telegraph Grade
- Extension Service - Telegraph Grade
- Teletypewriter Service
- Alarm Circuits
- Control/Remote Metering - Telegraph Grade

c. Optional Feature

- Central office bridging capability.

d. Transmission Performance

- Telegraph Distortion

Remedial action will be initiated whenever the telegraph distortion is observed to exceed 9 percent.

CANCELLED

JUL 1 1986
BY R.S. 14
PUBLIC SERVICE COMMISSION
OF MISSOURI

FILED
JAN - 1 1984
83 - 253

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

P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
3rd Revised Sheet 15
Replacing 2nd Revised Sheet 15

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.1 Metallic Service(1)

(CP)

A. Basic Channel Description

A metallic channel is an unconditioned two-wire channel capable of transmitting low speed varying signals at rates up to 30 baud. This channel is provided by metallic or equivalent facilities. Metallic channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub where bridging functions are performed. Interoffice metallic facilities will be limited in length to a total of five miles per channel.

B. Technical Specifications Packages

<u>Parameter</u>	<u>Package MT-</u>			
	<u>C</u>	<u>1</u>	<u>2</u>	<u>3</u>
DC Resistance Between Conductors	X	X	X	
Loop Resistance	X			X
Shunt Capacitance	X			X

The technical specifications are delineated in Technical Reference PUB 62502.

- (1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

(AT)

(AT)

Issued: May 28, 2021

By CRAIG UNRUH, President - Missouri
St. Louis, Missouri

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CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

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

Access Services Tariff
Section 7
2nd Revised Sheet 15
Replacing 1st Revised Sheet 15

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.1 Metallic Service

A. Basic Channel Description

A metallic channel is an unconditioned two-wire channel capable of transmitting low speed varying signals at rates up to 30 baud. This channel is provided by metallic or equivalent facilities. Metallic channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub where bridging functions are performed. Interoffice metallic facilities will be limited in length to a total of five miles per channel.

B. Technical Specifications Packages

<u>Parameter</u>	<u>Package MT-</u>			
	<u>C</u>	<u>1</u>	<u>2</u>	<u>3</u>
DC Resistance Between Conductors	X	X	X	
Loop Resistance	X			X
Shunt Capacitance	X			X

The technical specifications are delineated in Technical Reference PUB 62502.

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June 30, 2021
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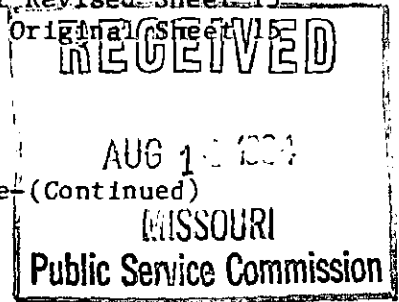
By A. D. ROBERTSON, Assistant Vice President-External Affairs
Southwestern Bell Telephone Company
St. Louis, Missouri

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

Access Services Tariff
Section 7
1st Revised Sheet 15

Replacing Original Sheet 15

ACCESS SERVICES



7. SPECIAL ACCESS SERVICE-(Continued)

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

7.2.1 Analog Services-(Continued)

A. Narrowband Services-(Continued)

4. Narrowband 4 (NB4) Special Access Service-(Continued)

e. Available Facility Interface Combinations

IC	End User	IC	End User
2TT2-2	2TT2-2	4DS9-(2)	2TT2-2
2TT2-3	2TT2-2	4DS9-(2)	4TT2-2
2DB2-10	2TT2-2	4DS9-(2)	2TT2-6
2DB2-43(1)	2TT2-2	4DS9-(2)	4TT2-6
4DB2-10	2TT2-2	4AH5-B(3)	2TT2-2
4DB2-43(1)	2TT2-2	4AH5-B(3)	4TT2-2
2TT2-3	4TT2-2	4AH5-B(3)	2TT2-6
2DB2-10	4TT2-2	4AH5-B(3)	4TT2-6
2DB2-43(1)	4TT2-2	4AH6-C(3)	2TT2-2
4TT2-2	4TT2-2	4AH6-C(3)	4TT2-2
4DB2-10	4TT2-2	4AH6-C(3)	2TT2-6
4DB2-43(1)	4TT2-2	4AH6-C(3)	4TT2-6
		4AH6-D(3)	2TT2-2
2DB2-43(1)	4TT2-6	4AH6-D(3)	4TT2-2
		4AH6-D(3)	2TT2-6
4DB2-43(1)	2TT2-6	4AH6-D(3)	4TT2-6
2DB2-43(1)	2TT2-6		
4TT2-6	2TT2-6		
4DB2-43(1)	2TT2-6		
2TT2-6	2TT2-6		
2DB2-10	2TT2-6		
4DB2-10	2TT2-6		

(CT)

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(CT)
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(AT)

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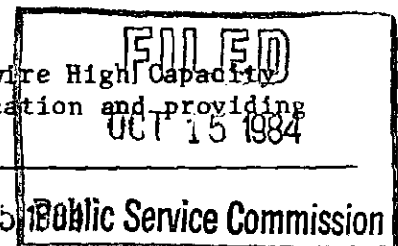
BY *gms* R.S.15
PUBLIC SERVICE COMMISSION
OF MISSOURI

5. Narrowband 5 (NB5) Special Access Service

a. Description

Special Access Service NB5 provides a channel for transmission of asynchronous transitions between two current levels at rates up to 150 baud between an IC terminal location and an End User's premises. This service is furnished for half-duplex or duplex operation on a two-point or multipoint configuration. Neither

- (1) Supplemental Channel Assignment information required.
- (2) See Paragraph 7.3.3, following, for explanation.
- (3) Available only to IC's selecting the multiplexed four-wire High Capacity analog facility interface option of the IC terminal location and providing subsequent system and channel assignment data.



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By R. D. BARRON, President-Missouri Division
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Access Services Tariff
Section 7
Original Sheet 15

ACCESS SERVICES

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Public Service Commission

7. SPECIAL ACCESS SERVICE-(Continued)

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

7.2.1 Analog Services-(Continued)

A. Narrowband Services-(Continued)

4. Narrowband 4 (NB4) Special Access Service-(Continued)

e. Available Facility Interface Combinations

<u>IC</u>	<u>End User</u>	<u>IC</u>	<u>End User</u>
2TT2-2	2TT2-2	4DS9-(2)	2TT2-2
2TT2-3	2TT2-2	4DS9-(2)	4TT2-2
2DB2-10	2TT2-2	4DS9-(2)	2TT2-6
2DB2-43(1)	2TT2-2	4DS9-(2)	4TT2-6
4DB2-10	2TT2-2	4AH5-B(3)	2TT2-2
2DB2-43(1)	2TT2-2	4AH5-B(3)	4TT2-2
2TT2-3	4TT2-2	4AH5-B(3)	2TT2-6
2DB2-10	4TT2-2	4AH5-B(3)	4TT2-6
2DB2-43(1)	4TT2-2	4AH6-C(3)	2TT2-2
4TT2-2	4TT2-2	4AH6-C(3)	4TT2-2
4DB2-10	4TT2-2	4AH6-C(3)	2TT2-6
4DB2-43(1)	4TT2-2	4AH6-C(3)	4TT2-6
2TT2-6	4TT2-2	4AH6-D(3)	2TT2-2
2DB2-43(1)	4TT2-2	4AH6-D(3)	4TT2-2
2DB2-10	4TT2-2	4AH6-D(3)	2TT2-6
4DB2-43(1)	2TT2-6	4AH6-D(3)	4TT2-6
2DB2-43(1)	2TT2-6		
4TT2-6	2TT2-6		
4DB2-43(1)	2TT2-6		

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5. Narrowband 5 (NB5) Special Access Service

a. Description

Special Access Service NB5 provides a change of transmission of asynchronous transitions between two current levels at rates up to 150 baud between an IC terminal location and an End User's premises. This service is furnished for half-duplex, or duplex operation on a two-point or multipoint configuration. Neither

JAN - 1 1984

83-253

- (1) Supplemental Channel Assignment information required.
- (2) See Paragraph 7.3.3, following, for explanation.
- (3) Available only to IC's selecting the multiplexed four-wire High Capacity analog facility interface option of 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

P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
4th Revised Sheet 16
Replacing 3rd Revised Sheet 16

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.1 Metallic Service(1)-(Continued)

(CP)

C. Channel Interfaces

Compatible channel interfaces are set forth in Technical References at the end of Paragraph 7.2.

D. Optional Features, BSEs and Functions

1. Central Office Bridging BSE Capability

- a. Three Premises Bridging - Provision of tip-to-tip and ring-to-ring connection in a central office of a metallic pair to a third customer designated premises.
- b. Series Bridging of up to 26 customer designated premises.

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

	<u>Available with Technical Specifications Package MT-</u>			
	<u>C</u>	<u>1</u>	<u>2</u>	<u>3</u>
Three Premises Bridging	X	X		X
Series Bridging	X		X	

- (1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

(AT)

(AT)

Issued: May 28, 2021

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

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.1 Metallic Service-(Continued)

C. Channel Interfaces

Compatible channel interfaces are set forth in Technical References at the end of Paragraph 7.2.

(AT) D. Optional Features, BSEs and Functions

(AT) 1. Central Office Bridging BSE Capability

- a. Three Premises Bridging - Provision of tip-to-tip and ring-to-ring connection in a central office of a metallic pair to a third customer designated premises.
- b. Series Bridging of up to 26 customer designated premises.

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

	<u>Available with Technical Specifications Package MT-</u>			
	<u>C</u>	<u>1</u>	<u>2</u>	<u>3</u>
Three Premises Bridging	X	X		X
Series Bridging	X		X	

Issued: March 26, 1993

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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 16
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ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

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7.2 Service Descriptions-(Continued)

7.2.1 Metallic Service-(Continued)

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C. Channel Interfaces

(CT)
(CT)

Compatible channel interfaces are set forth in Technical References at the end of Paragraph 7.2.

D. Optional Features and Functions

1. Central Office Bridging Capability

a. Three Premises Bridging - Provision of tip-to-tip and ring-to-ring connection in a central office of a metallic pair to a third customer designated premises.

b. Series Bridging of up to 26 customer designated premises.

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

	Available with Technical Specifications Package MT-			
	C	1	2	3
Three Premises Bridging	X	X		X
Series Bridging	X		X	

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BY 3rd R.S. #16
Public Service Commission
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Effective: OCT 1 1989

OCT 1 1989

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 16
Replacing-Original Sheet 16

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.1 Metallic Service-(Continued)

C. Channel Interfaces

Compatible channel interfaces are set forth in Paragraph 7.3.5, A., following.

D. Optional Features and Functions

1. Central Office Bridging Capability

a. Three Premises Bridging - Provision of tip-to-tip and ring-to-ring connection in a central office of a metallic pair to a third customer designated premises.

b. Series Bridging of up to 26 customer designated premises.

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

	<u>Available with Technical Specifications Package MT-</u>			
	<u>C</u>	<u>1</u>	<u>2</u>	<u>3</u>
Three Premises Bridging	X	X		X
Series Bridging	X		X	

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BY *JMB* R.S. #16

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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 16

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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)

Public Service Commission

7.2.1 Analog Services-(Continued)

A. Narrowband Services-(Continued)

5. Narrowband 5 (NB5) Special Access Service-(Continued)

a. Description-(Continued)

direct current continuity of this service nor the capability to transport continuously varying alternating currents is assured.

b. Illustrative Applications

Special Access Service NB5 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Extension Service - Telegraph Grade
- Teletypewriter Service
- Alarm Circuits
- Control/Remote Metering - Telegraph Grade

c. Optional Feature

- Central office bridging capability.

d. Transmission Performance

- Telegraph Distortion

Remedial action will be initiated whenever the telegraph distortion is observed to exceed 12 percent.

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

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.2 Telegraph Grade(1) Service

(CP)

A. Basic Channel Description

A telegraph grade channel is an unconditioned channel capable of transmitting binary signals at rates of 0-75 baud or 0-150 baud. This channel is furnished for half-duplex or duplex operation.

Telegraph grade channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub.

B. Technical Specifications Packages

Package TG-

<u>Parameter</u>	<u>C</u>	<u>1</u>	<u>2</u>
Telegraph Distortion	X	X	X

The technical specifications are delineated in Technical Reference PUB 62502.

C. Channel Interfaces

Compatible channel interfaces are set forth in Technical References at the end of Paragraph 7.2.

D. Optional Features, BSEs and Functions

1. Telegraph Bridging BSE (two-wire and four-wire)

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

Available with Technical Specifications Package TG-

	<u>C</u>	<u>1</u>	<u>2</u>
Telegraph Bridging	X	X	X

- (1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

(AT)
|
(AT)

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

Access Services Tariff
Section 7
3rd Revised Sheet 17
Replacing 2nd Revised Sheet 17

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.2 Telegraph Grade Service

A. Basic Channel Description

A telegraph grade channel is an unconditioned channel capable of transmitting binary signals at rates of 0-75 baud or 0-150 baud. This channel is furnished for half-duplex or duplex operation.

Telegraph grade channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub.

B. Technical Specifications Packages

<u>Parameter</u>	<u>Package TG-</u>		
	<u>C</u>	<u>1</u>	<u>2</u>
Telegraph Distortion	X	X	X

The technical specifications are delineated in Technical Reference PUB 62502.

C. Channel Interfaces

Compatible channel interfaces are set forth in Technical References at the end of Paragraph 7.2.

(AT) D. Optional Features, BSEs and Functions

(AT) 1. Telegraph Bridging BSE (two-wire and four-wire)

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

	<u>Available with Technical Specifications Package TG-</u>		
	<u>C</u>	<u>1</u>	<u>2</u>
Telegraph Bridging	X	X	X

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

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Access Services Tariff
Section 7
2nd Revised Sheet 17
Replacing 1st Revised Sheet 17

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE--(Continued)

SEP 25 1989

7.2 Service Descriptions--(Continued)

7.2.2 Telegraph Grade Service

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A. Basic Channel Description

A telegraph grade channel is an unconditioned channel capable of transmitting binary signals at rates of 0-75 baud or 0-150 baud. This channel is furnished for half-duplex or duplex operation.

Telegraph grade channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub.

B. Technical Specifications Packages

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Parameter	Package TG-		
	C	1	2
Telegraph Distortion	X	X	X

APR 11 1993
BY 3rd R.S. #17
Public Service Commission
MISSOURI

The technical specifications are delineated in Technical Reference PUB 62502.

C. Channel Interfaces

(CT)

Compatible channel interfaces are set forth in Technical References at the end of Paragraph 7.2.

D. Optional Features and Functions

1. Telegraph Bridging (two-wire and four-wire)

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

	Available with Technical Specifications Package TG-		
	C	1	2
Telegraph Bridging	X	X	X

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

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Access Services Tariff
Section 7
1st Revised Sheet 17
Replacing Original Sheet 17

(CP)ACCESS SERVICES



7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.2 Telegraph Grade Service

A. Basic Channel Description

A telegraph grade channel is an unconditioned channel capable of transmitting binary signals at rates of 0-75 baud or 0-150 baud. This channel is furnished for half-duplex or duplex operation.

Telegraph grade channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub.

B. Technical Specifications Packages

Parameter	Package TG-		
	C	1	2
Telegraph Distortion	X	X	X

The technical specifications are delineated in Technical Reference PUB 62502.

C. Channel Interfaces

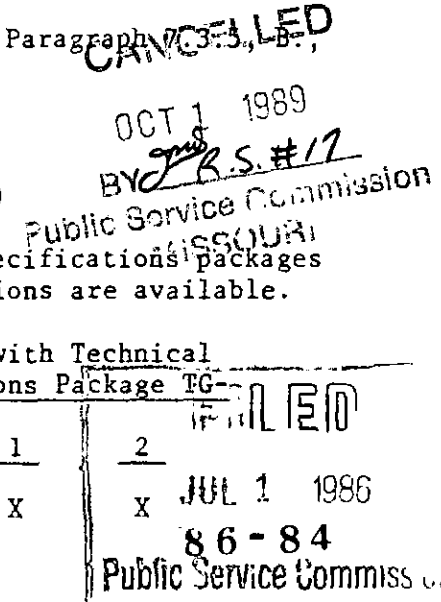
Compatible channel interfaces are set forth in Paragraph 3.5, B, following.

D. Optional Features and Functions

1. Telegraph Bridging (two-wire and four-wire)

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

Available with Technical Specifications	Package TG-		
	C	1	2
Telegraph Bridging	X	X	X



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

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7.2.1 Analog Services-(Continued)

Public Service Commission

A. Narrowband Services-(Continued)

5. Narrowband 5 (NB5) Special Access Service-(Continued)

e. Available Facility Interface Combinations

IC	End User	IC	End User
2DB2-10	10IA2	4DS9-(2)	10IA2
4DB2-10	10IA2	4AH5-B(3)	10IA2
2DB2-43(1)	10IA2	4AH6-C(3)	10IA2
4DB2-43(1)	10IA2	4AH6-D(3)	10IA2

B. Voice Grade Services

There are nine types of Voice Grade Service, each having a different transmission performance. The transmission performances determine the applications that the various types of Voice Grade Service can be used for. VG1 through VG3 services are intended for voice applications only. VG5 through VG10 are suitable for voiceband data or voice/data applications. The VG 1-3 and 5-10 are provided primarily as end-link designs for inter-exchange carriers and Private Line Services.

1. Voice Grade 1 (VG1) Special Access Service

a. Description

Special Access Service VG1 provides a channel for voice frequency transmission capability. Usable frequencies are nominally 300 to 3000 Hz between an IC terminal location

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- (1) Supplemental channel assignment information required.
- (2) See Paragraph 7.3.3, following, for explanation.
- (3) Available only to IC's selecting the four-wire multiplexed 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

**P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF**

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
3rd Revised Sheet 18
Replacing 2nd Revised Sheet 18

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.3 Voice Grade(2) Service

(CP)

A. Basic Channel Description

A voice grade channel is a channel which provides voice frequency transmission capability in the nominal frequency range of 300 to 3000 Hz and may be terminated two-wire or four-wire. Voice grade channels are provided between customer designated premises, between a customer designated premises and a Telephone Company Hub, or between a customer designated premises and the WATS serving office.

B. Technical Specifications Packages

Parameter	Package VG-													
	C(1)	1	2	3	4	5	6	7	8	9	10	11	12	W*
Attenuation														
Distortion	X	X	X	X	X	X	X	X	X	X	X	X	X	X
C-Message Noise	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Echo Control	X	X	X	X		X		X	X			X	X	X+
Envelope Delay														
Distortion	X						X	X	X	X	X	X	X	X
Frequency Shift	X						X	X	X	X	X	X	X	X
Impulse Noise	X					X	X	X	X	X	X	X	X	X
Intermodulation														
Distortion	X						X	X	X	X	X	X		X
Loss Deviation	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Phase Hits, Gain														
Hits, and														
Dropouts	X													
Phase Jitter	X						X	X	X	X	X	X	X	
Signal-to-C														
Message Noise					X									
Signal-to-C														
Notch Noise	X						X	X	X	X	X	X	X	X

* Denotes WATS Access Lines (WALs)(2)

(CP)

+ When WAL(2) extensions are provided, Echo Control limits are not applicable.

(CP)

(1) The desired parameters are selected by the customer from the list of available parameters.

(2) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers.

(AT)

In addition, requests to move, add, change, or renew existing service arrangements will not be accepted.

Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

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

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.3 Voice Grade Service

A. Basic Channel Description

(AT) A voice grade channel is a channel which provides voice frequency transmission capability in the nominal frequency range of 300 to 3000 Hz and may be terminated two-wire or four-wire. Voice grade channels are provided between customer designated premises, between (AT) a customer designated premises and a Telephone Company Hub, or between a customer designated premises and the WATS serving office.

B. Technical Specifications Packages

		Package VG-													
(AT)	Parameter	C(1)	1	2	3	4	5	6	7	8	9	10	11	12	W*
	Attenuation														
	Distortion	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	C-Message Noise	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Echo Control	X	X	X	X	X	X	X	X	X	X	X	X	X	X+
	Envelope Delay														
	Distortion	X					X	X	X	X	X	X	X	X	X
	Frequency Shift	X					X	X	X	X	X	X	X	X	X
	Impulse Noise	X				X	X	X	X	X	X	X	X	X	X
	Intermodulation														
	Distortion	X					X	X	X	X	X	X	X	X	X
	Loss Deviation	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Phase Hits, Gain														
	Hits, and														
	Dropouts	X													
	Phase Jitter	X					X	X	X	X	X	X	X	X	X
	Signal-to-C														
	Message Noise					X									
	Signal-to-C														
(AT)	Notch Noise	X					X	X	X	X	X	X	X	X	X

(AT) * Denotes WATS Access Lines (WALs)

(AT) + When WAL extensions are provided, Echo Control limits are not applicable.

(1) The desired parameters are selected by the customer from the list of available parameters.

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Southwestern Bell Telephone Company
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Access Services Tariff
Section 7
1st Revised Sheet 18
Replacing Original Sheet 18

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.3 Voice Grade Service

A. Basic Channel Description

A voice grade channel is a channel which provides voice frequency transmission capability in the nominal frequency range of 300 to 3000 Hz and may be terminated two-wire or four-wire. Voice grade channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub.

B. Technical Specifications Packages

Parameter	Package VG-												
	C(1)	1	2	3	4	5	6	7	8	9	10	11	12
Attenuation													
Distortion	X	X	X	X	X	X	X	X	X	X	X	X	X
C-Message Noise	X	X	X	X	X	X	X	X	X	X	X	X	X
Echo Control	X	X	X	X		X		X	X			X	X
Envelope Delay													
Distortion	X						X	X	X	X	X	X	X
Frequency Shift	X						X	X	X	X	X	X	X
Impulse Noise	X					X	X	X	X	X	X	X	X
Intermodulation													
Distortion	X						X	X	X	X	X	X	
Loss Deviation	X	X	X	X	X	X	X	X	X	X	X	X	X
Phase Hits, Gain													
Hits, and													
Dropouts	X												
Phase Jitter	X												
Signal-to-C													
Message Noise					X								
Signal-to-C													
Notch Noise	X					X	X	X	X	X	X	X	X

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(1) The desired parameters are selected by the customer from the list of available parameters.

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Access Services Tariff
Section 7
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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)

1. Voice Grade 1 (VG1) Special Access Service-(Continued)

a. Description-(Continued)

and End User's premises. The transmission interface can be either two-wire or four-wire at both the IC terminal location and the End User's premises. Various interface options are available. This service will support effective two-wire or effective four-wire transmission.

b. Illustrative Applications

Special Access Service VG1 is suitable for use as part of the facilities used to provide intrastate telecommunications services such as:

- Voice Grade Facility
- Alarm Circuits

c. Optional Feature

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

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JAN - 1 1984
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By R. D. BARRON, Vice President-Missouri
Southwestern Bell Telephone Company
St. Louis, Missouri

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.3 Voice Grade(2) Service-(Continued)

(CP)

B. Technical Specifications Packages-(Continued)

The technical specifications for these parameters are delineated in Technical References set forth at the end of Paragraph 7.2.

C. Channel Interfaces

The following channel interfaces for Voice Grade Service do not require signaling capability: AH, DA, DB, DD, DE, DS, NO, PR and TF.

The following channel interfaces for Voice Grade Service require signaling capability: AB, AC, CT, DX, DY, EA, EB, EC, EX, GO, GS, LA, LB, LC, LO, LR, LS, RV and SF (1).

Combination of channel interfaces DS, GS, and LS for WALs(2) require signaling as defined in Section 6.2.5.

(CP)

Compatible channel interfaces and available WAL(2) channel interfaces are set forth in Technical References at the end of Paragraph 7.2.

(CP)

D. Analog Service to Service Through Connect Arrangement

Multiplexed Arrangement

This provides for the interconnection of two subtending analog channels derived from DS1 multiplexed services. The through connect will be provisioned in lieu of a typical voice grade channel termination. The ordering customer must provide channel assignments for both. Voice Grade channel mileage is required if the multiplexed services are terminated in two separate Hubs.

(1) This feature is obsolete, and limited to existing installations at existing locations for existing customers as of October 6, 1995.

(2) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

(AT)

(AT)

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

Access Services Tariff
Section 7
6th Revised Sheet 19
Replacing 5th Revised Sheet 19

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.3 Voice Grade Service-(Continued)

B. Technical Specifications Packages-(Continued)

The technical specifications for these parameters are delineated in Technical References set forth at the end of Paragraph 7.2.

C. Channel Interfaces

The following channel interfaces for Voice Grade Service do not require signaling capability: AH, DA, DB, DD, DE, DS, NO, PR and TF.

The following channel interfaces for Voice Grade Service require signaling capability: AB, AC, CT, DX, DY, EA, EB, EC, EX, GO, GS, LA, LB, LC, LO, LR, LS, RV and SF (1).

(AT)

Combination of channel interfaces DS, GS, and LS for WALs require signaling as defined in Section 6.2.5.

Compatible channel interfaces and available WAL channel interfaces are set forth in Technical References at the end of Paragraph 7.2.

D. Analog Service to Service Through Connect Arrangement

Multiplexed Arrangement

This provides for the interconnection of two subtending analog channels derived from DS1 multiplexed services. The through connect will be provisioned in lieu of a typical voice grade channel termination. The ordering customer must provide channel assignments for both. Voice Grade channel mileage is required if the multiplexed services are terminated in two separate Hubs.

(MT)

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(MT)

(AT)

(1) This feature is obsolete, and limited to existing installations at existing locations for existing customers as of October 6, 1995.

(AT)

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By HORACE WILKINS, JR., President-Missouri
Southwestern Bell Telephone
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Access Services Tariff
Section 7
5th Revised Sheet 19
Replacing 4th Revised Sheet 19

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.3 Voice Grade Service-(Continued)

B. Technical Specifications Packages-(Continued)

The technical specifications for these parameters are delineated in Technical References set forth at the end of Paragraph 7.2.

C. Channel Interfaces

The following channel interfaces for Voice Grade Service do not require signaling capability: AH, DA, DB, DD, DE, DS, NO, PR and TF.

The following channel interfaces for Voice Grade Service require signaling capability: AB, AC, CT, DX, DY, EA, EB, EC, EX, GO, GS, LA, LB, LC, LO, LR, LS, RV and SF.

Combination of channel interfaces DS, GS, and LS for WALs require signaling as defined in Section 6.2.5.

Compatible channel interfaces and available WAL channel interfaces are set forth in Technical References at the end of Paragraph 7.2.

D. Analog Service to Service Through Connect Arrangement

Multiplexed Arrangement

This provides for the interconnection of two subtending analog channels derived from DS1 multiplexed services. The through connect will be provisioned in lieu of a typical voice grade channel termination. The ordering customer must provide channel assignments for both. Voice Grade channel mileage is required if the multiplexed services are terminated in two separate Hubs.

(AT) E. Optional Features, BSEs and Functions

(AT) 1. Central Office Bridging BSE Capability

a. Voice Bridging (two-wire and four-wire)

b. Data Bridging (two-wire and four-wire)

c. DATAPHONE Select-A-Station Bridging with sequential arrangement ports or addressable arrangement ports

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

7.2 Service Descriptions--(Continued)

7.2.3 Voice Grade Service--(Continued)

B. Technical Specifications Packages--(Continued)

(CT) The technical specifications for these parameters are delineated in Technical References set forth at the end of Paragraph 7.2.

C. Channel Interfaces

The following channel interfaces for Voice Grade Service do not require signaling capability: AH, DA, DB, DD, DE, DS, NO, PR and TF.

The following channel interfaces for Voice Grade Service require signaling capability: AB, AC, CT, DX, DY, EA, EB, EC, EX, GO, GS, LA, LB, LC, LO, LR, LS, RV and SF.

Combination of channel interfaces DS, GS, and LS for WALs require signaling as defined in Section 6.2.5.

Compatible channel interfaces and available WAL channel interfaces are set forth in Technical References at the end of Paragraph 7.2.

(AT) D. Analog Service to Service Through Connect Arrangement

Multiplexed Arrangement

This provides for the interconnection of two subtending analog channels derived from DSL multiplexed services. The through connect will be provisioned in lieu of a typical voice grade channel termination. The ordering customer must provide channel assignments for both. Voice Grade channel mileage is required if the multiplexed services are terminated in two separate Hubs.

(FC) E. Optional Features and Functions

1. Central Office Bridging Capability

- a. Voice Bridging (two-wire and four-wire)
- b. Data Bridging (two-wire and four-wire)
- c. DATAPHONE Select-A-Station Bridging with sequential arrangement ports or addressable arrangement ports

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Access Services Tariff
Section 7
3rd Revised Sheet 19
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ACCESS SERVICES

- 7. SPECIAL ACCESS SERVICE-(Continued)
- 7.2 Service Descriptions-(Continued)
- 7.2.3 Voice Grade Service-(Continued)

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B. Technical Specifications Packages-(Continued)

The technical specifications for these parameters (except for drop-outs, gain hits and phase hits) are delineated in Technical Reference PUB 62500 (WALs), PUB 62501 and associated Addendum. The technical specifications for dropouts, phase hits and gain hits are delineated in Technical Reference PUB 41004, Table 4.

C. Channel Interfaces

The following channel interfaces for Voice Grade Service do not require signaling capability: AH, DA, DB, DD, DE, DS, NO, PR and TF.

The following channel interfaces for Voice Grade Service require signaling capability: AB, AC, CT, DX, DY, EA, EB, EC, EX, GO, GS, LA, LB, LC, LO, LR, LS, RV and SF.

Combination of channel interfaces DS, GS, and LS for WALs require signaling as defined in Section 6.2.5.

Compatible channel interfaces and available WAL channel interfaces are set forth in Technical References at the end of Paragraph 7.2.

(CT)

D. Optional Features and Functions

1. Central Office Bridging Capability

- a. Voice Bridging (two-wire and four-wire)
- b. Data Bridging (two-wire and four-wire)
- c. DATAPHONE Select-A-Station Bridging with sequential arrangement ports or addressable arrangement ports

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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
2nd Revised Sheet 19
Replacing 1st Revised Sheet 19

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.3 Voice Grade Service-(Continued)

B. Technical Specifications Packages-(Continued)

The technical specifications for these parameters (except for drop-outs, gain hits and phase hits) are delineated in Technical Reference PUB 62500 (WALs), PUB 62501 and associated Addendum. The technical specifications for dropouts, phase hits and gain hits are delineated in Technical Reference PUB 41004, Table 4.

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The following channel interfaces for Voice Grade Service require signaling capability: AB, AC, CT, DX, DY, EA, EB, EC, EX, GO, GS, LA, LB, LC, LO, LR, LS, RV and SF.

Combination of channel interfaces DS, GS, and LS for WALs require signaling as defined in Section 6.2.5.

Compatible channel interfaces and available WAL channel interfaces are set forth in Paragraph 7.3.5, C., following.

D. Optional Features and Functions

1. Central Office Bridging Capability

a. Voice Bridging (two-wire and four-wire)

b. Data Bridging (two-wire and four-wire)

c. DATAPHONE Select-A-Station Bridging with sequential arrangement ports or addressable arrangement ports

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By R. D. BARRON, President-Missouri Division
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Access Services Tariff
Section 7
1st Revised Sheet 19
Replacing Original Sheet 19

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.3 Voice Grade Service-(Continued)

B. Technical Specifications Packages-(Continued)

The technical specifications for these parameters (except for drop-outs, gain hits and phase hits) are delineated in Technical Reference PUB 62501 and associated Addendum. The technical specifications for dropouts, phase hits and gain hits are delineated in Technical Reference PUB 41004, Table 4.

C. Channel Interfaces

The following channel interfaces for Voice Grade Service do not require signaling capability: AH, DA, DB, DD, DE, DS, NO, PR and TF.

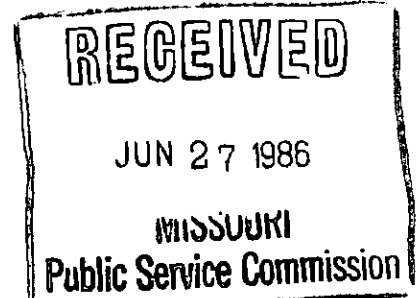
The following channel interfaces for Voice Grade Service require signaling capability: AB, AC, CT, DX, DY, EA, EB, EC, EX, GO, GS, LA, LB, LC, LO, LR, LS, RV and SF.

Compatible channel interfaces are set forth in Paragraph 7.3.5, C., following.

D. Optional Features and Functions

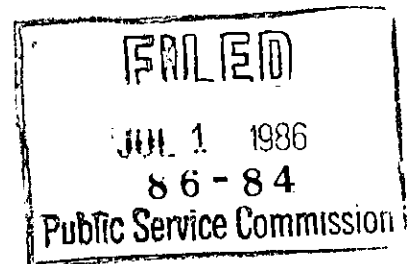
1. Central Office Bridging Capability

- a. Voice Bridging (two-wire and four-wire)
- b. Data Bridging (two-wire and four-wire)
- c. DATAPHONE Select-A-Station Bridging with sequential arrangement ports or addressable arrangement ports



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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

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ACCESS SERVICES

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)

1. Voice Grade 1 (VG1) 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

- 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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St. Louis, Missouri

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.3 Voice Grade(1) Service-(Continued)

(CP)

E. Optional Features, BSEs and Functions

1. Central Office Bridging BSE Capability

a. Voice Bridging (two-wire and four-wire)

b. Data Bridging (two-wire and four-wire)

(RT)
(RT)

c. Telemetry and Alarm Bridging

(CT)

Split Band, Active Bridging
Passive Bridging
Summation, Active Bridging

2. Central Office Multiplexing BSE

Voice to Telegraph Grade(1) (43-Type Carrier): An arrangement that converts a voice grade channel to telegraph grade(1) channels using frequency division multiplexing.

(CP)
(CP)

3. Conditioning BSE

Conditioning provides more specific transmission characteristics for Voice Grade Services. C-type conditioning controls attenuation distortion and envelope delay distortion. Sealing current helps maintain continuity on dry metallic(1) loops.

(CP)

For two-point services, the parameters apply to each service. For multipoint services, the parameters apply to each mid-link or end link. C-type conditioning and data capability may be combined on the same service.

- (1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

(AT)
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(AT)

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Access Services Tariff
Section 7
4th Revised Sheet 20
Replacing 3rd Revised Sheet 20

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.3 Voice Grade Service-(Continued)

(RT)

(RT)

(MT)

E. Optional Features, BSEs and Functions

1. Central Office Bridging BSE Capability

a. Voice Bridging (two-wire and four-wire)

b. Data Bridging (two-wire and four-wire)

c. DATAPHONE Select-A-Station Bridging with sequential arrangement ports or addressable arrangement ports

d. Telemetry and Alarm Bridging

Split Band, Active Bridging
Passive Bridging
Summation, Active Bridging

(MT)

2. Central Office Multiplexing BSE

Voice to Telegraph Grade (43-Type Carrier): An arrangement that converts a voice grade channel to telegraph grade channels using frequency division multiplexing.

3. Conditioning BSE

Conditioning provides more specific transmission characteristics for Voice Grade Services. C-type conditioning controls attenuation distortion and envelope delay distortion. Sealing current helps maintain continuity on dry metallic loops.

For two-point services, the parameters apply to each service. For multipoint services, the parameters apply to each mid-link or end link. C-type conditioning and data capability may be combined on the same service.

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By HORACE WILKINS, JR., President-Missouri
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Access Services Tariff
Section 7
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Replacing 2nd Revised Sheet 20

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.3 Voice Grade Service-(Continued)

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

(AT) 1. Central Office Bridging BSE Capability-(Continued)

d. Telemetry and Alarm Bridging

Split Band, Active Bridging
Passive Bridging
Summation, Active Bridging

(AT) 2. Central Office Multiplexing BSE

Voice to Telegraph Grade (43-Type Carrier): An arrangement that converts a voice grade channel to telegraph grade channels using frequency division multiplexing.

(AT) 3. Conditioning BSE

Conditioning provides more specific transmission characteristics for Voice Grade Services. C-type conditioning controls attenuation distortion and envelope delay distortion. Sealing current helps maintain continuity on dry metallic loops.

For two-point services, the parameters apply to each service. For multipoint services, the parameters apply to each mid-link or end link. C-type conditioning and data capability may be combined on the same service.

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Southwestern Bell Telephone Company
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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)

7.2.3 Voice Grade Service--(Continued)

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

1. Central Office Bridging Capability--(Continued)

d. Telemetry and Alarm Bridging

Split Band, Active Bridging
Passive Bridging
Summation, Active Bridging

2. Central Office Multiplexing

Voice to Telegraph Grade (43-Type Carrier): An arrangement that converts a voice grade channel to telegraph grade channels using frequency division multiplexing.

3. Conditioning

Conditioning provides more specific transmission characteristics for Voice Grade Services. C-type conditioning controls attenuation distortion and envelope delay distortion. Sealing current helps maintain continuity on dry metallic loops.

For two-point services, the parameters apply to each service. For multipoint services, the parameters apply to each mid-link or end link. C-type conditioning and data capability may be combined on the same service.

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7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.3 Voice Grade Service-(Continued)

D. Optional Features and Functions-(Continued)

1. Central Office Bridging Capability-(Continued)

d. Telemetry and Alarm Bridging

Split Band, Active Bridging
Passive Bridging
Summation, Active Bridging

2. Central Office Multiplexing

Voice to Telegraph Grade (43-Type Carrier): An arrangement that converts a voice grade channel to telegraph grade channels using frequency division multiplexing.

3. Conditioning

Conditioning provides more specific transmission characteristics for Voice Grade Services. C-type conditioning controls attenuation distortion and envelope delay distortion. Sealing current helps maintain continuity on dry metallic loops.

For two-point services, the parameters apply to each service. For multipoint services, the parameters apply to each mid-link or end link. C-type conditioning and data capability may be combined on the same service.

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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)

1. Voice Grade 1 (VG1) Special Access Service-(Continued)

d. Transmission Performance-(Continued)

- Echo Control-(Continued)

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

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

CANCELLED

JUL 1 1986

BY 124 R.S.#20
PUBLIC SERVICE COMMISSION
OF MISSOURI

FILED

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

P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
4th Revised Sheet 21
Replacing 3rd Revised Sheet 21

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.3 Voice Grade(2) Service-(Continued)

(CP)

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

3. Conditioning BSE-(Continued)

a. C-Type Conditioning (1)

C-type conditioning is provided for the additional control of attenuation distortion and envelope delay distortion on data services. The attenuation distortion and envelope delay distortion specifications for C-type conditioning are:

Attenuation Distortion
(Frequency Response)
Relative to 1004 Hz

<u>Frequency</u> <u>Range (Hz)</u>	<u>Variation</u> <u>(dB)</u>
400-2800	-1.0 to +2.0
300-3000	-1.0 to +3.0
3000-3200	-2.0 to +6.0

Envelope Delay
Distortion

<u>Frequency</u> <u>Range (Hz)</u>	<u>Variation</u> <u>(micro-</u> <u>seconds)</u>
1000-2600	100
800-2600	200
600-2600	300
500-2800	600
500-3000	3000

- (1) This feature is obsolete, and limited to existing installations at existing locations, for existing customers.
(2) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

(AT)

(AT)

Issued: May 28, 2021

By CRAIG UNRUH, President - Missouri
St. Louis, Missouri

Effective: June 30, 2021

FILED
Missouri Public
Service Commission
JI-2021-0210

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

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

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.3 Voice Grade Service-(Continued)

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

(AT) 3. Conditioning BSE-(Continued)

a. C-Type Conditioning (1)

C-type conditioning is provided for the additional control of attenuation distortion and envelope delay distortion on data services. The attenuation distortion and envelope delay distortion specifications for C-type conditioning are:

Attenuation Distortion
(Frequency Response)
Relative to 1004 Hz

Frequency Range (Hz)	Variation (dB)
400-2800	-1.0 to +2.0
300-3000	-1.0 to +3.0
3000-3200	-2.0 to +6.0

Envelope Delay
Distortion

Frequency Range (Hz)	Variation (micro-seconds)
1000-2600	100
800-2600	200
600-2600	300
500-2800	600
500-3000	3000

(1) This feature is obsolete, and limited to existing installations at existing locations, for existing customers.

Issued: March 26, 1993

Effective: April 11, 1993

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
2nd Revised Sheet 21
Replacing 1st Revised Sheet 21

ACCESS SERVICES

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Public Service Commission

7. SPECIAL ACCESS SERVICE--(Continued)

7.2 Service Descriptions--(Continued)

7.2.3 Voice Grade Service--(Continued)

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

3. Conditioning--(Continued)

(AT) a. C-Type Conditioning(1)

C-type conditioning is provided for the additional control of attenuation distortion and envelope delay distortion on data services. The attenuation distortion and envelope delay distortion specifications for C-type conditioning are:

Attenuation Distortion
(Frequency Response)
Relative to 1004 Hz

Frequency Range (Hz)	Variation (dB)
400-2800	-1.0 to +2.0
300-3000	-1.0 to +3.0
3000-3200	-2.0 to +6.0

Envelope Delay
Distortion

Frequency Range (Hz)	Variation (micro-seconds)
1000-2600	100
800-2600	200
600-2600	300
500-2800	600
500-3000	3000

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BY 3rd R.S. #21
Public Service Commission
MISSOURI

(AT) (1) This feature is obsolete, and limited to existing installations at existing locations, for existing customers.

Issued: FEB 22 1990

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

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

Access Services Tariff
Section 7
1st Revised Sheet 21
Replacing Original Sheet 21

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(CP)ACCESS SERVICES

- 7. SPECIAL ACCESS SERVICE-(Continued)
 - 7.2 Service Descriptions-(Continued)
 - 7.2.3 Voice Grade Service-(Continued)
 - D. Optional Features and Functions-(Continued)
 - 3. Conditioning-(Continued)
 - a. C-Type Conditioning

C-type conditioning is provided for the additional control of attenuation distortion and envelope delay distortion on data services. The attenuation distortion and envelope delay distortion specifications for C-type conditioning are:

Attenuation Distortion
(Frequency Response)
Relative to 1004 Hz

<u>Frequency Range (Hz)</u>	<u>Variation (dB)</u>
400-2800	-1.0 to +2.0
300-3000	-1.0 to +3.0
3000-3200	-2.0 to +6.0

Envelope Delay Distortion

<u>Frequency Range (Hz)</u>	<u>Variation (micro-seconds)</u>
1000-2600	100
800-2600	200
600-2600	300
500-2800	600
500-3000	3000

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BY *gms* *R.S.#21*
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MISSOURI

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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.

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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)

1. Voice Grade 1 (VG1) Special Access Service-(Continued)

d. Transmission Performance-(Continued)

- 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	Improved RL
ERL	5 dB	20 dB
SRL	2.5 dB	13.5 dB

- Loss Variation

The long term loss variation from the nominal 1004 Hz EML shall not exceed +4.0 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 and between 304 Hz and 3004 Hz shall be within -3.0 dB and +12.0 db.

e. Available Facility Interface Combinations

VG1 is available only with specific facility interface combinations as set forth in paragraph 2.1, B.14., following.

2. Voice Grade 2 (VG2) Special Access Service

a. Description

Special Access Service-VG2 provides a channel for voice frequency transmission capability. Usable frequencies are nominally 300 to 3000 Hz between an IC terminal location and an End User's premises.

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

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.3 Voice Grade(1) Service-(Continued)

(CP)

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

3. Conditioning BSE-(Continued)

b. Sealing Current Conditioning

Sealing current conditioning is provided to help maintain continuity on dry metallic(1) loops. It is usually associated with four-wire DA or NO-type channel interfaces.

(CP)

c. Improved Attenuation Distortion (IAD)

Improved Attenuation Distortion upgrades the frequency versus loss response limits of the channel. The specifications for Improved Attenuation Distortion are delineated in Technical Reference set forth at the end of Paragraph 7.2.

d. C-Conditioning

C-Conditioning upgrades the frequency response and envelope delay distortion limits of the analog data channel. The specifications for C-Conditioning, which are less stringent than C-Type conditioning, are delineated in Technical References set forth at the end of Paragraph 7.2.

e. Improved Envelope Delay Distortion

Improved Envelope Delay Distortion Upgrades the frequency vs. delay response limits of the analog data channel. The specifications for Improved Envelope Delay Distortion are delineated in Technical References set forth at the end of Paragraph 7.2.

- (1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

(AT)

(AT)

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

Access Services Tariff
Section 7
5th Revised Sheet 22
Replacing 4th Revised Sheet 22

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.3 Voice Grade Service-(Continued)

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

(AT) 3. Conditioning BSE-(Continued)

b. Sealing Current Conditioning

Sealing current conditioning is provided to help maintain continuity on dry metallic loops. It is usually associated with four-wire DA or NO-type channel interfaces.

c. Improved Attenuation Distortion (IAD)

Improved Attenuation Distortion upgrades the frequency versus loss response limits of the channel. The specifications for Improved Attenuation Distortion are delineated in Technical Reference set forth at the end of Paragraph 7.2.

d. C-Conditioning

C-Conditioning upgrades the frequency response and envelope delay distortion limits of the analog data channel. The specifications for C-Conditioning, which are less stringent than C-Type conditioning, are delineated in Technical References set forth at the end of Paragraph 7.2.

e. Improved Envelope Delay Distortion

Improved Envelope Delay Distortion Upgrades the frequency vs. delay response limits of the analog data channel. The specifications for Improved Envelope Delay Distortion are delineated in Technical References set forth at the end of Paragraph 7.2.

Issued: March 26, 1993

Effective: April 11, 1993

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

CANCELLED
June 30, 2021
Missouri Public
Service Commission
JI-2021-0210

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

Access Services Tariff
Section 7
4th Revised Sheet 22
Replacing 3rd Revised Sheet 22

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Public Service Commission**

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE--(Continued)

7.2 Service Descriptions--(Continued)

7.2.3 Voice Grade Service--(Continued)

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

3. Conditioning--(Continued)

b. Sealing Current Conditioning

Sealing current conditioning is provided to help maintain continuity on dry metallic loops. It is usually associated with four-wire DA or NO-type channel interfaces.

(AT) Improved Attenuation Distortion (IAD)

c. Improved Attenuation Distortion upgrades the frequency versus loss response limits of the channel. The specifications for Improved Attenuation Distortion are delineated in Technical References set forth at the end of Paragraph 7.2.

(AT)

d. C-Conditioning

C-Conditioning upgrades the frequency response and envelope delay distortion limits of the analog data channel. The specifications for C-Conditioning, which are less stringent than C-Type conditioning, are delineated in Technical References set forth at the end of Paragraph 7.2.

(AT)

e. Improved Envelope Delay Distortion

Improved Envelope Delay Distortion Upgrades the frequency vs. delay response limits of the analog data channel. The specifications for Improved Envelope Delay Distortion are delineated in Technical References set forth at the end of Paragraph 7.2.

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**APR 11 1993
BY 5th R.S. #22
Public Service Commission
MISSOURI**

Issued: FEB 22 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

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

Access Services Tariff
Section 7
3rd Revised Sheet 22
Replacing 2nd Revised Sheet 22

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.3 Voice Grade Service-(Continued)

D. Optional Features and Functions-(Continued)

3. Conditioning-(Continued)

b. Sealing Current Conditioning

Sealing current conditioning is provided to help maintain continuity on dry metallic loops. It is usually associated with four-wire DA or NO-type channel interfaces.

- c. Improved Attenuation Distortion upgrades the frequency versus loss response limits of the channel. The specifications for Improved Attenuation Distortion are delineated in Technical Reference PUB 62500 for WALs.

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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 22
Replacing ~~1st Revised Sheet 22~~

(CP)ACCESS SERVICES

- 7. SPECIAL ACCESS SERVICE-(Continued)
 - 7.2 Service Descriptions-(Continued)
 - 7.2.3 Voice Grade Service-(Continued)
 - D. Optional Features and Functions-(Continued)
 - 3. Conditioning-(Continued)
 - b. Sealing Current Conditioning

Sealing current conditioning is provided to help maintain continuity on dry metallic loops. It is usually associated with four-wire DA or NO-type channel interfaces.

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OCT 16 1987
BY 3rd R.S. #22
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MISSOURI

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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 22
Replacing Original Sheet 22

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)

2. Voice Grade 2 (VG2) Special Access Service-(Continued)

a. Description-(Continued)

The 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 two-wire or effective four-wire transmission.

b. Illustrative Applications

Special Access Service VG2 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Centrex C.O. Line
- Concentrator Identifier Trunk
- Extension Service
- Off-Premises Intercommunications Line
- Private Line Voice Circuit
- Paging Circuit
- Foreign Exchange Line (Closed End)
- Centrex Station Line - Off-Premises
- Off-Premises Extension
- Off-Premises PBX Station Line

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BY *gnd R.522*
PUBLIC SERVICE COMMISSION
OF MISSOURI

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OCT 15 1984
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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 22

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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)

2. Voice Grade 2 (VG2) Special Access Service-(Continued)

a. Description-(Continued)

The 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 two-wire or effective four-wire transmission.

b. Illustrative Applications

Special Access Service VG2 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Centrex C.O. Line
- Concentrator Identifier Trunk
- Extension Service
- Off-Premises Intercommunications Line
- Private Line Voice Circuit
- Foreign Exchange Line (Closed End)
- Centrex Station Line - Off-Premises
- Off-Premises Extension
- Off-Premises PBX Station Line

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

P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
5th Revised Sheet 23
Replacing 4th Revised Sheet 23

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.3 Voice Grade Service(1)-(Continued)

(CP)

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

4. Reserved for future use.

- (1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

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CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

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

Access Services Tariff
Section 7
4th Revised Sheet 23
Replacing 3rd Revised Sheet 23

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.3 Voice Grade Service-(Continued)

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

4. Reserved for future use.

Issued: March 26, 1993

Effective: April 11, 1993

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
3rd Revised Sheet 23
Replacing 2nd Revised Sheet 23

ACCESS SERVICES

- 7. SPECIAL ACCESS SERVICE--(Continued)
 - 7.2 Service Descriptions--(Continued)
 - 7.2.3 Voice Grade Service--(Continued)
- (FC) E. Optional Features and Functions--(Continued)
 - 4. Reserved for future use.

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Public Service Commission

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APR 11 1993

BY 4th R.S. 23
Public Service Commission
MISSOURI

Issued: FEB 22 1990

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

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

Access Services Tariff
Section 7
2nd Revised Sheet 23
Replacing 1st Revised Sheet 23

(CP)ACCESS SERVICES

- 7. SPECIAL ACCESS SERVICE--(Continued)
 - 7.2 Service Descriptions--(Continued)
 - 7.2.3 Voice Grade Service--(Continued)
 - D. Optional Features and Functions--(Continued)
 - 4. Reserved for future use.

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MAR 26 1990
BY 302 RS #23
Public Service Commission
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JUL 1 1986
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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
1st Revised Sheet 23
Replacing Original Sheet 23

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)

2. Voice Grade 2 (VG2) Special Access Service--(Continued)

c. Optional Features

- Central office bridging capability.
- Improved return loss for effective two-wire transmission at the End User's premises.
- 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.

d. Transmission Performance

- C-Message Noise

The C-Message Noise shall be less than:

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

- Echo Control

BY *[Signature]*
PUBLIC SERVICE COMMISSION
OF MISSOURI

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:

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

(RT)

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

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)

2. Voice Grade 2 (VG2) Special Access Service-(Continued)

c. Optional Features

- Central office bridging capability.
- Improved return loss for effective two-wire transmission at the End User's premises.
- IC specified End User premises receive level within a range acceptable to the Telephone Company on effective four-wire transmission.
- 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:

Channel Mileage (mi)	Limit (dBrnCO)(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

- 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:

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.

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OCT 15 1984
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OF MISSOURI

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.3 Voice Grade(1) Service-(Continued)

(CP)

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

5. Improved Termination

Improved termination at a four-wire point of termination, ordered with either an effective two-wire or effective four-wire channel: Provides for a fixed 600 ohm impedance, variable level range and simplex reversal. Telephone Company equipment is required at the customer's premises where this option is ordered. The improved termination parameters are delineated in Technical References set forth at the end of Paragraph 7.2.

6. Improved Return Loss

Improved return loss at a two-wire point of termination ordered only on effective two-wire channels: Provides for more stringent echo control specifications. In order for this option to be applicable, the transmission path must be four-wire at one POT and two-wire at the other POT. Placement of Telephone Company equipment may be required at the customer's premises with the two-wire POT. The improved return loss parameters are delineated in Technical References set forth at the end of Paragraph 7.2.

7. Data Capability

Data capability provides transmission characteristics suitable for data communications. Specifically, data capability provides for the control of signal to C-notched noise ratio and intermodulation distortion.

The signal to C-notched noise ratio and intermodulation distortion parameters for data capability are:

- Signal to C-notched noise ratio is equal to or greater than 32 dB

- (1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

(AT)
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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 24
Replacing 2nd Revised Sheet 24

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.3 Voice Grade Service-(Continued)

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

5. Improved Termination

Improved termination at a four-wire point of termination, ordered with either an effective two-wire or effective four-wire channel: Provides for a fixed 600 ohm impedance, variable level range and simplex reversal. Telephone Company equipment is required at the customer's premises where this option is ordered. The improved termination parameters are delineated in Technical References set forth at the end of Paragraph 7.2.

6. Improved Return Loss

Improved return loss at a two-wire point of termination ordered only on effective two-wire channels: Provides for more stringent echo control specifications. In order for this option to be applicable, the transmission path must be four-wire at one POT and two-wire at the other POT. Placement of Telephone Company equipment may be required at the customer's premises with the two-wire POT. The improved return loss parameters are delineated in Technical References set forth at the end of Paragraph 7.2.

7. Data Capability

Data capability provides transmission characteristics suitable for data communications. Specifically, data capability provides for the control of signal to C-notched noise ration and intermodulation distortion.

The signal to C-notched noise ratio and intermodulation distortion parameters for data capability are:

- Signal to C-notched noise ratio is equal to or greater than 32 dB

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By A. D. ROBERTSON, Assistant Vice President-External Affairs
Southwestern Bell Telephone Company
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
2nd Revised Sheet 24
Replacing 1st Revised Sheet 24

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

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7.2 Service Descriptions-(Continued)

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7.2.3 Voice Grade Service-(Continued)

MISSOURI

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

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(CT) 5. Improved Termination

(CT) Improved termination at a four-wire point of termination, ordered with either an effective two-wire or effective four-wire channel: Provides for a fixed 600 ohm impedance, variable level range and simplex reversal. Telephone Company equipment is required at the customer's premises where this option is ordered. The improved termination parameters are delineated in Technical References set forth at the end of Paragraph 7.2.

(AT) 6. Improved Return Loss

(FC) Improved return loss at a two-wire point of termination ordered only on effective two-wire channels: Provides for more stringent echo control specifications. In order for this option to be applicable, the transmission path must be four-wire at one POT and two-wire at the other POT. Placement of Telephone Company equipment may be required at the customer's premises with the two-wire POT. The improved return loss parameters are delineated in Technical References set forth at the end of Paragraph 7.2.

(FC) 7. Data Capability

Data capability provides transmission characteristics suitable for data communications. Specifically, data capability provides for the control of signal to C-notched noise ratio and intermodulation distortion.

(RT) The signal to C-notched noise ratio and intermodulation distortion parameters for data capability are:

- Signal to C-notched noise ratio is equal to or greater than 32 dB

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Southwestern Bell Telephone Company
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Access Services Tariff
Section 7
1st Revised Sheet 24
Replacing Original Sheet 24

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE--(Continued)

7.2 Service Descriptions--(Continued)

7.2.3 Voice Grade Service--(Continued)

D. Optional Features and Functions--(Continued)

5. Improved Return Loss

- a. Improved return loss at a four-wire point of termination, ordered with either an effective two-wire or effective four-wire channel: Provides for a fixed 600 ohm impedance, variable level range and simplex reversal. Telephone Company equipment is required at the customer's premises where this option is ordered. The improved return loss parameters are delineated in Technical Reference PUB 62501.
- b. Improved return loss at a two-wire point of termination ordered only on effective two-wire channels: Provides for more stringent echo control specifications. In order for this option to be applicable, the transmission path must be four-wire at one POT and two-wire at the other POT. Placement of Telephone Company equipment may be required at the customer's premises with the two-wire POT. The improved return loss parameters are delineated in Technical Reference PUB 62501.

6. Data Capability

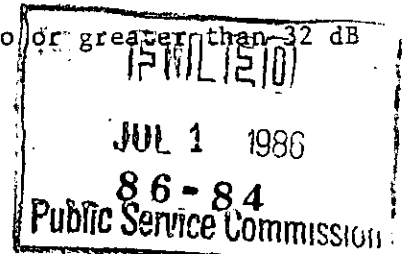
Data capability provides transmission characteristics suitable for data communications. Specifically, data capability provides for the control of signal to C-notched noise ratio and intermodulation distortion. It is available for two-point services or multipoint services.

The signal to C-notched noise ratio and intermodulation distortion parameters for data capability are:

- Signal to C-notched noise ratio is equal to or greater than 32 dB



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Access Services Tariff
Section 7
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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)

2. Voice Grade 2 (VG2) 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 Inter- face)	13 dB	8 dB
Four-Wire Interface (Equal Level Echo Path Loss) (For Centrex Application, 2 dB pad is "in")	16 dB	11 dB

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

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Southwestern Bell Telephone Company
St. Louis, Missouri

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.3 Voice Grade(1) Service-(Continued)

(CP)

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

7. Data Capability-(Continued)

- Intermodulation distortion:
- Signal to second order modulation products (R2) is equal to or greater than 38 dB
- Signal to third order modulation products (R3) is equal to or greater than 42 dB

When a service equipped with data capability is used for voice communications, the quality of the voice transmission may not be satisfactory.

8. Improved Echo Control

Improved Echo Control for two-wire WALs(1) provides more stringent control of reflected signals. Placement of Telephone Company equipment may be required at the customer's premises. The Improved Echo Control specifications are delineated in Technical References set forth at the end of Paragraph 7.2.

(CP)

9. Improved Equal Level Echo Path Loss

Provides improved echo control at four-wire interface for effective two-wire voice grade configurations. Specifications can only be met with limited facility configurations. Improved Equal Level Echo Path Loss specifications are delineated in Technical References set forth at the end of Paragraph 7.2.

- (1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

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

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.3 Voice Grade Service-(Continued)

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

7. Data Capability-(Continued)

- Intermodulation distortion:
- Signal to second order modulation products (R2) is equal to or greater than 38 dB
- Signal to third order modulation products (R3) is equal to or greater than 42 dB

When a service equipped with data capability is used for voice communications, the quality of the voice transmission may not be satisfactory.

8. Improved Echo Control

Improved Echo Control for two-wire WALs provides more stringent control of reflected signals. Placement of Telephone Company equipment may be required at the customer's premises. The Improved Echo Control specifications are delineated in Technical References set forth at the end of Paragraph 7.2.

9. Improved Equal Level Echo Path Loss

Provides improved echo control at four-wire interface for effective two-wire voice grade configurations. Specifications can only be met with limited facility configurations. Improved Equal Level Echo Path Loss specifications are delineated in Technical References set forth at the end of Paragraph 7.2.

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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)

7.2.3 Voice Grade Service-(Continued)

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

(FC) 7. Data Capability-(Continued)

- Intermodulation distortion:

- Signal to second order modulation products (R2) is equal to or greater than 38 dB
- Signal to third order modulation products (R3) is equal to or greater than 42 dB

When a service equipped with data capability is used for voice communications, the quality of the voice transmission may not be satisfactory.

(FC) 8. Improved Echo Control

Improved Echo Control for two-wire WALS provides more stringent control of reflected signals. Placement of Telephone Company equipment may be required at the customer's premises. The Improved Echo Control specifications are delineated in Technical References set forth at the end of Paragraph 7.2.

(CT)
(CT)

(AT) 9. Improved Equal Level Echo Path Loss

Provides improved echo control at four-wire interface for effective two-wire voice grade configurations. Specifications can only be met with limited facility configurations. Improved Equal Level Echo Path Loss specifications are delineated in Technical References set forth at the end of Paragraph 7.2.

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Section 7
2nd Revised Sheet 25
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ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

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7.2 Service Descriptions-(Continued)

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7.2.3 Voice Grade Service-(Continued)

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D. Optional Features and Functions-(Continued)

6. Data Capability-(Continued)

- Intermodulation distortion:
 - Signal to second order modulation products (R2) is equal to or greater than 38 dB
 - Signal to third order modulation products (R3) is equal to or greater than 42 dB

When a service equipped with data capability is used for voice communications, the quality of the voice transmission may not be satisfactory.

7. Improved Echo Control

Improved Echo Control for two-wire WALs provides more stringent control of reflected signals. Placement of Telephone Company equipment may be required at the customer's premises. The Improved Echo Control specifications are delineated in Technical Reference PUB 62500 for WALs.

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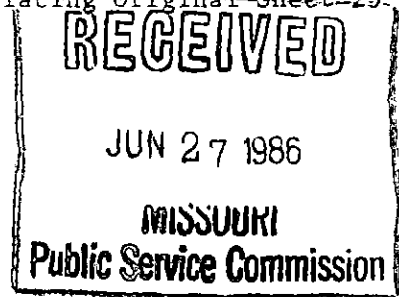
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By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

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Access Services Tariff
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1st Revised Sheet 25
~~Replacing Original Sheet 25~~

(CP)ACCESS SERVICES



7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.3 Voice Grade Service-(Continued)

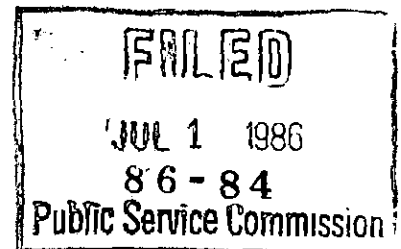
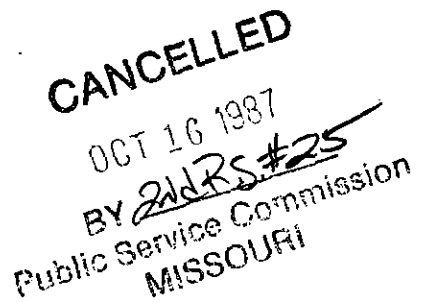
D. Optional Features and Functions-(Continued)

6. Data Capability-(Continued)

- Intermodulation distortion:

- Signal to second order modulation products (R2) is equal to or greater than 38 dB
- Signal to third order modulation products (R3) is equal to or greater than 42 dB

When a service equipped with data capability is used for voice communications, the quality of the voice transmission may not be satisfactory.



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ACCESS SERVICES

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)

2. Voice Grade 2 (VG2) Special Access Service-(Continued)

d. Transmission Performance-(Continued)

- 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		Improved RL	
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 Distortions

The attenuation distortion between 404 Hz and 2804 Hz shall be within -1.0 dB and +4.0 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.

e. Available Facility Interface Combinations

VG2 is available only with specific facility interface combinations as set forth in Paragraph 7.2.1, B.14 following.

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By R. D. BARRON, Vice President-Missouri
Southwestern Bell Telephone Company
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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.3 Voice Grade(1) Service-(Continued)

(CP)

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

10. Signaling Capability

Signaling capability provides for the process by which one customer premises alerts another customer premises on the same service with which it wishes to communicate.

11. Selective Signaling Arrangement

An arrangement that permits code selective ringing for up to ten codes on a multipoint service.

12. Transfer Arrangement

An arrangement that affords the customer an additional measure of flexibility in the use of their access channel(s). The arrangement can be utilized to transfer a leg of a Special Access Service to another channel that terminates in either the same or a different customer premises. A key activated or dial-up control service is required to operate the transfer arrangement. A spare line, if required, is not included as part of the option.

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

	Available with Technical Specifications Package VG-														
	<u>C</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>W</u>	
C-Type Conditioning (1)	X					X	X	X	X	X	X				
Central Office Bridging Capability	X		X			X	X					X	X	X	
Central Office Multiplexing	X						X								
C-Conditioning	X					X	X	X	X	X	X				

- (1) This feature is obsolete, and limited to existing installations at existing locations, for existing customers.
- (2) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

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

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.3 Voice Grade Service-(Continued)

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

10. Signaling Capability

Signaling capability provides for the process by which one customer premises alerts another customer premises on the same service with which it wishes to communicate.

11. Selective Signaling Arrangement

An arrangement that permits code selective ringing for up to ten codes on a multipoint service.

12. Transfer Arrangement

An arrangement that affords the customer an additional measure of flexibility in the use of their access channel(s). The arrangement can be utilized to transfer a leg of a Special Access Service to another channel that terminates in either the same or a different customer premises. A key activated or dial-up control service is required to operate the transfer arrangement. A spare line, if required, is not included as part of the option.

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

	Available with Technical Specifications Package VG-													
	<u>C</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>W</u>
C-Type Conditioning (1)	X					X	X	X	X	X	X			
Central Office Bridging Capability	X	X				X	X				X	X	X	
Central Office Multiplexing	X						X							
C-Conditioning	X					X	X	X	X	X	X			

(1) This feature is obsolete, and limited to existing installations at existing locations, for existing customers.

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

Southwestern Bell Telephone Company

St. Louis, Missouri

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Access Services Tariff
Section 7
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ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE--(Continued)

7.2 Service Descriptions--(Continued)

7.2.3 Voice Grade Service--(Continued)

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

(FC) 10. Signaling Capability

Signaling capability provides for the process by which one customer premises alerts another customer premises on the same voice with which it wishes to communicate.

(FC) 11. Selective Signaling Arrangement

An arrangement that permits code selective ringing for up to ten codes on a multipoint service.

(FC) 12. Transfer Arrangement

An arrangement that affords the customer an additional measure of flexibility in the use of their access channel(s). The arrangement can be utilized to transfer a leg of a Special Access Service to another channel that terminates in either the same or a different customer premises. A key activated or dial-up control service is required to operate the transfer arrangement. A spare line, if required, is not included as part of the option.

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

Available with Technical Specifications Package VG-

	C	1	2	3	4	5	6	7	8	9	10	11	12	W
(AT) C-Type Conditioning (1) Central Office Bridging Capabilit Central Office Multiplexing	X					X	X	X	X	X	X			
(AT) C-Conditioning	X		X			X	X				X	X	X	

(AT) (1) This feature is obsolete, and limited to existing installations at existing locations, for existing customers.

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Access Services Tariff
Section 7
2nd Revised Sheet 26
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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

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7.2 Service Descriptions-(Continued)

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7.2.3 Voice Grade Service-(Continued)

MISSOURI

D. Optional Features and Functions-(Continued)

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8. Signaling Capability

Signaling capability provides for the process by which one customer premises alerts another customer premises on the same service with which it wishes to communicate.

9. Selective Signaling Arrangement

An arrangement that permits code selective ringing for up to ten codes on a multipoint service.

10. Transfer Arrangement

An arrangement that affords the customer an additional measure of flexibility in the use of their access channel(s). The arrangement can be utilized to transfer a leg of a Special Access Service to another channel that terminates in either the same or a different customer premises. A key activated or dial-up control service is required to operate the transfer arrangement. A spare line, if required, is not included as part of the option.

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

Available with Technical Specifications Package VG-

(AT)

	<u>C</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>W</u>
C-Type Conditioning	X					X	X	X	X	X	X			
Central Office Bridging Capability	X					X	X				X	X	X	
Central Office Multiplexing	X													

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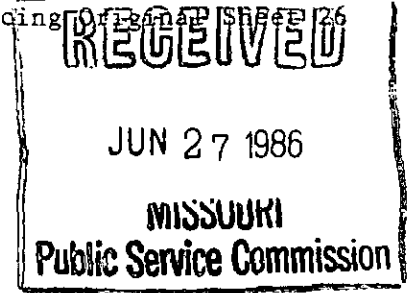
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By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

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

Replacing Original Sheet 26

(CP)ACCESS SERVICES



- 7. SPECIAL ACCESS SERVICE-(Continued)
- 7.2 Service Descriptions-(Continued)
- 7.2.3 Voice Grade Service-(Continued)
- D. Optional Features and Functions-(Continued)

8. Signaling Capability

Signaling capability provides for the process by which one customer premises alerts another customer premises on the same service with which it wishes to communicate.

9. Selective Signaling Arrangement

An arrangement that permits code selective ringing for up to ten codes on a multipoint service.

10. Transfer Arrangement

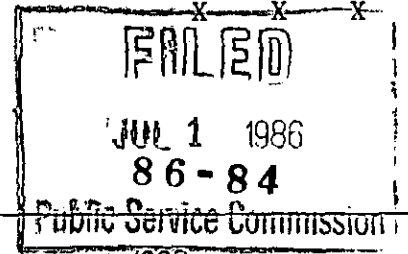
An arrangement that affords the customer an additional measure of flexibility in the use of their access channel(s). The arrangement can be utilized to transfer a leg of a Special Access Service to another channel that terminates in either the same or a different customer premises. A key activated or dial-up control service is required to operate the transfer arrangement. A spare line required, is not included as part of the option.

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

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	Available with Technical Specifications Package VGP												
	<u>C</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>
C-Type Conditioning	X					X	X	X	X	X	X		
Central Office Bridging Capability	X		X			X	X				X	X	X
Central Office Multiplexing	X						X						



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Access Services Tariff

Section 7
Original (Sheet 26)

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Service

7.2.1 Analog Services-(Continued)

B. Voice Grade Services-(Continued)

3. Voice Grade 3 (VG3) Special Access Service

a. Description

Special Access Service VG3 provides a channel for voice frequency transmission capability. Usable frequencies are nominally 300 to 3000 Hz between an IC terminal location and an End User's premises. The 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 two-wire or four-wire transmission.

b. Illustrative Applications

Special Access Service VG3 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Foreign Exchange Trunk (Closed End)
- Alternate Use Service
- PBX/CTX Tie Trunks
- SSN Access Line
- SSN Station Line
- SSN Network Line
- SSN Tie Trunk
- Station and Premises Connecting Facilities

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Southwestern Bell Telephone Company
St. Louis, Missouri

**P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF**

Southwestern Bell Telephone
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Section 7
6th Revised Sheet 27
Replacing 5th Revised Sheet 27

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.3 Voice Grade(1) Service-(Continued) (CP)

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

Available with Technical
Specifications Package VG-

	<u>C</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>W</u>	
Data Capability	X						X				X				
Improved Attenuation Distortion (IAD)	X					X	X	X	X	X	X			X	
Improved Echo Control at two-wire WAL(1) point of termination														X+	(CP)
Improved Termination at four-wire point of termina- tion	X	X	X	X	X	X	X	X	X	X	X	X	X		
Improved Return Loss at two-wire point of termina- tion	X	X	X				X								
Improved ELEPL Sealing Current Conditioning	X	X	X	X	X		X					X		X	
Selective Signal- ing Arrangement Signaling Capability	X	X	X	X				X	X	X				*	
Improved Envelope Delay Distortion(IEDD) Transfer Arrangement	X						X	X	X	X	X	X	X		

* Signaling is provided in conjunction with Switched Access Service.
+ When WAL(1) extensions are provided, Echo Control limits are not applicable. (CP)

(1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024. (AT)

|
(AT)

Issued: May 28, 2021

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By CRAIG UNRUH, President - Missouri
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

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.3 Voice Grade Service-(Continued)

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

Available with Technical Specifications Package VG-

	<u>C</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>W</u>
Data Capability	X						X			X				
Improved Attenuation Distortion (IAD)	X					X	X	X	X	X	X			X
Improved Echo Control at two-wire WAL point of termination														X+
Improved Termination at four-wire point of termination	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Improved Return Loss at two-wire point of termination	X		X	X				X						
Improved ELEPL Sealing Current Conditioning	X	X	X	X	X			X				X		X
Selective Signaling Arrangement	X		X											
Signaling Capability	X	X	X	X				X	X	X				*
Improved Envelope Delay Distortion(IEDD) Transfer Arrangement	X						X	X	X	X	X	X	X	
	X	X	X	X	X	X	X	X	X	X	X	X	X	X

* Signaling is provided in conjunction with Switched Access Service.
+ When WAL extensions are provided, Echo Control limits are not applicable.

Issued: March 26, 1993 Effective: April 11, 1993

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
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ACCESS SERVICES

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SPECIAL ACCESS SERVICE--(Continued)

7.2 Service Descriptions--(Continued)

7.2.3 Voice Grade Service--(Continued)

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

		<u>Available with Technical Specifications Package VG-</u>													
		<u>C</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>W</u>
(RT)	Data Capability	X						X				X			
(AT)	Improved Attenuation Distortion (IAD)	X					X	X	X	X	X	X			X
	Improved Echo Control at two-wire WAL point of termination														X+
(CT)	Improved Termination at four-wire point of termination	X	X	X	X	X	X	X	X	X	X	X	X	X	
(AT)	Improved Return Loss at two-wire point of termination	X		X	X				X						
(AT)	Improved ELEPL Sealing Current Conditioning	X	X	X	X		X		X						
	Selective Signaling Arrangement	X		X											
(AT)	Improved Signaling Capability	X	X	X	X				X	X	X				*
	Improved Envelope Delay Distortion(IEDD) Transfer Arrangement	X	X	X	X	X	X	X	X	X	X	X	X	X	X

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APR 11 1993

BY 5th R.S. #27
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MISSOURI

(MT) * Signaling is provided in conjunction with Switched Access Service.
+ When WAL extensions are provided, Echo Control limits are not applicable.

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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

7. SPECIAL ACCESS SERVICE-(Continued)

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7.2 Service Descriptions-(Continued)

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7.2.3 Voice Grade Service-(Continued)

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D. Optional Features and Functions-(Continued)

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10. Transfer Arrangement-(Continued)

Available with Technical Specifications Package VG-

(AT)	C	1	2	3	4	5	6	7	8	9	10	11	12	W
Data Capability	X										X			
Improved Attenuation Distortion														X
Improved Echo Control at two-wire WAL point of termination														X+
Improved Return Loss at four-wire point of termination	X	X	X	X	X	X	X	X	X	X	X	X	X	
at two-wire point of termination	X		X	X				X						
Sealing Current Conditioning	X	X				X	X				X		X	
Selective Signaling Arrangement	X		X											
Signaling Capability	X	X	X	X				X	X	X				*
Transfer Arrangement	X	X	X	X	X	X	X	X	X	X	X	X	X	

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MAR 26 1990
BY 40 R.S.#27
Public Service Commission
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E. Four-Wire/Two-Wire Conversion

When a customer requests that an effective four-wire channel be terminated with a two-wire channel interface at the customer-designated premises, a four-wire to two-wire conversion is required. The rate for the conversion is included as part of the basic Channel Termination rate.

(AT) * Signaling is provided in conjunction with Switched Access Service.
 (AT) + When WAL extensions are provided, Echo Control limits are not applicable.
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Issued: OCT 14 1987

Effective: OCT 16 1987

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

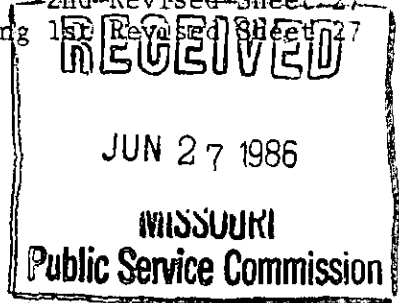
OCT 16 1987
108742

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

Access Services Tariff
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Replacing 1st Revised Sheet 27



(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.3 Voice Grade Service-(Continued)

D. Optional Features and Functions-(Continued)

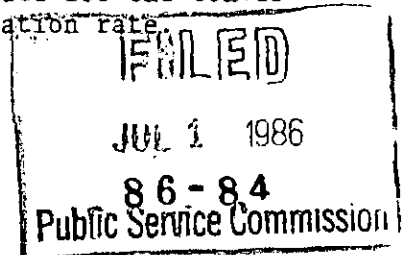
Available with Technical Specifications Package VG-

	<u>C</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>
Data Capability	X						X	X			X		
Improved Return Loss													
At Four-Wire													
Point Of Termination	X	X	X	X	X	X	X	X	X	X	X	X	X
At Two-Wire													
Point Of Termination	X		X	X									
Sealing Current													
Conditioning	X	X				X	X	X	X	X	X	X	X
Selective Signaling Arrangement													
Signaling Capability	X	X	X	X									
Transfer Arrangement	X	X	X	X	X	X	X	X	X	X	X	X	X

CANCELLED
OCT 16 1987
BY 3rd R.S. #27
Public Service Commission
MISSOURI

E. Four-Wire/Two-Wire Conversion

When a customer requests that an effective four-wire channel be terminated with a two-wire channel interface at the customer-designated premises, a four-wire to two-wire conversion is required. The rate for the conversion is included as part of the basic Channel Termination rate.



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JUL 1 1986

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

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Access Services Tariff
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1st Revised Sheet 27
Replacing Original Sheet 27

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)

3. Voice Grade 3 (VG3) Special Access Service-(Continued)

c. Optional Features

- Improved return loss for effective two-wire transmission at the End User's premises.
- IC specified End User's 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.

d. Transmission Performance

- C-Message Noise

The C-Message noise shall be less than:

Channel Mileage (mi)	Limit (dBmCO)(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

- Echo Control

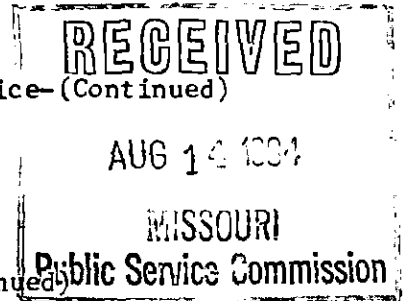
BY *[Signature]*
PUBLIC SERVICE COMMISSION

Echo Control, identified as Equal Level Echo Path Loss at four-wire interfaces or Return Loss at two-wire interfaces, for both 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:

(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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Effective: OCT 15 1984



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

(RT)

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7. SPECIAL ACCESS SERVICE-(Continued)

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

Public Service Commission

7.2.1 Analog Services-(Continued)

B. Voice Grade Services-(Continued)

3. Voice Grade 3 (VG3) Special Access Service-(Continued)

c. Optional Features

- Improved return loss for effective two-wire transmission at the End User's premises.
- IC specified End User's premises receive level within a range acceptable to the Telephone Company on 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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d. Transmission Performance

- C-Message Noise

The C-Message noise shall be less than:

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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

- Echo Control

Echo Control, identified as Equal Level Echo Path Loss at four-wire interfaces or Return Loss at two-wire interfaces, for both 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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Effective: JAN 01 1984

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

P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

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4th Revised Sheet 28
Replacing 3rd Revised Sheet 28

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.3 Voice Grade(1) Service-(Continued)

(CP)

F. Four-Wire/Two-Wire Conversion

When a customer requests that an effective four-wire channel be terminated with a two-wire channel interface at the customer-designated premises, a four-wire to two-wire conversion is required. The rate for the conversion is included as part of the basic Channel Termination rate.

- (1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

(AT)
|
(AT)

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

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

Access Services Tariff
Section 7
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Replacing 2nd Revised Sheet 28

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.3 Voice Grade Service-(Continued)

(FC) F. Four-Wire/Two-Wire Conversion

When a customer requests that an effective four-wire channel be terminated with a two-wire channel interface at the customer-designated premises, a four-wire to two-wire conversion is required. The rate for the conversion is included as part of the basic Channel Termination rate.

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

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June 30, 2021
Missouri Public
Service Commission
JI-2021-0210

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

Access Services Tariff
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Replacing 1st Revised Sheet 28

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

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MAR 26 1990
BY *308 S #28*
Public Service Commission
MISSOURI

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Issued: SEP 25 1989

Effective: OCT 1 1989 OCT 1 1989
89 - 14

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

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

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(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.4 Program Audio Service

A. Basic Channel Description

A Program Audio channel is a channel measured in Hz for the transmission of a complex signal voltage. The actual bandwidth is a function of the channel interface selected by the customer. Only one-way transmission is provided. Program Audio channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub.

B. Technical Specifications Packages

Parameter	C(1)	Package AP-			
		1	2	3	4
Actual Measured Loss	X	X	X	X	X
Amplitude Tracking	X				
Crosstalk	X	X	X	X	X
Distortion Tracking	X				
Gain/Frequency Distortion	X	X	X	X	X
Group Delay	X				
Noise	X	X	X	X	X
Phase Tracking	X				
Short-Term Gain Stability	X				
Short-Term Loss	X				
Total Distortion	X	X	X	X	X

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OCT 1 1989
BY *gms* R.S.#28
Public Service Commission
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The technical specifications are delineated in Technical Reference PUB 62503 and associated Addendum.

C. Channel Interfaces

The following channel interfaces (CI's) define the bandwidths that are available for a Program Audio channel:

- (1) The desired parameters are selected by the customer from the list of available parameters.

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JUL 1 1986
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Public Service Commission

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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

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)

3. Voice Grade 3 (VG3) Special Access Service-(Continued)

d. Transmission Performance-(Continued)

- Echo Control-(Continued)

Effective Two-Wire Transmission

(Four-wire interface at the IC terminal location, 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) (For Centrex application, 2 dB pad is "in")	16 dB	11 dB

Effective Four-Wire Transmission

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

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	<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

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

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Access Services Tariff
Section 7
2nd Revised Sheet 29
Replacing 1st Revised Sheet 29

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

(RT)

(RT)

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

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Access Services Tariff
Section 7
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Replacing Original Sheet 29

(CP)ACCESS SERVICES

- 7. SPECIAL ACCESS SERVICE-(Continued)
- 7.2 Service Descriptions-(Continued)
- 7.2.4 Program Audio Service-(Continued)
- C. Channel Interfaces-(Continued)

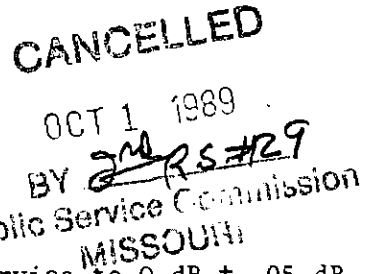


<u>CI</u>	<u>Bandwidth</u>
PG-1	Nominal frequency from 50 to 15000 Hz
PG-3	Nominal frequency from 200 to 3500 Hz
PG-5	Nominal frequency from 100 to 5000 Hz
PG-8	Nominal frequency from 50 to 8000 Hz

Compatible channel interfaces are set forth in Paragraph 7.3.5, D., following.

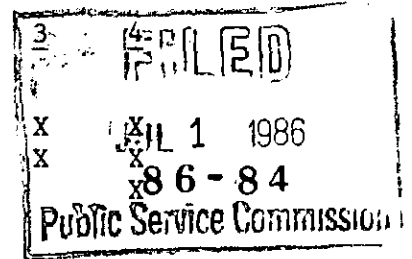
D. Optional Features and Functions

- 1. Central Office Bridging Capability
 - Distribution Amplifier
- 2. Gain Conditioning
 - Control of 1004 Hz AML at initiation of service to 0 dB ± .05 dB.
- 3. Stereo
 - Provision of a pair of gain/phase equalized channels for stereo applications. (additional AP channel must be ordered separately.)



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

	<u>Available with Technical Specifications Package AP-</u>		
	<u>C</u>	<u>1</u>	<u>2</u>
Central Office Bridging Capability	X	X	X
Gain Conditioning	X	X	X
Stereo	X		



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Effective: JUL 1 1986

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

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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)

3. Voice Grade 3 (VG3) Special Access Service-(Continued)

d. Transmission Performance-(Continued)

- 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		Improved RL	
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 Distortions

The attenuation distortion between 404 Hz and 2804 Hz shall be within -1.0 dB and +3.0 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.

e. Available Facility Interface Combinations

VG3 is available only with specific facility interface combinations as set forth in Paragraph 7.2.1, B., 14, following.

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PUBLIC SERVICE COMMISSION
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Section 7
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Replacing 2nd Revised Sheet 30

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

(RT)

(RT)

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By CRAIG UNRUH, President - Missouri
St. Louis, Missouri

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.5 Wideband Analog Service

A. Basic Channel Description

A Wideband Analog channel is a channel with a bandwidth measured in kHz for the transmission of a wideband signal. The actual bandwidth is a function of the channel interface selected by the customer. Wideband Analog channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub.

B. Technical Specifications Packages

<u>Parameter</u>	<u>Package WA-</u>				
	<u>1</u>	<u>2</u>	<u>2A</u>	<u>3</u>	<u>4</u>
Amplitude Stability	X	X			
Background Noise	X	X	X	X	X
Frequency Shift	X	X	X		
Gain/Frequency Characteristics of:					
-Group Connections	X			X	X
-Supergroup Connections		X			
-Mastergroup Connections			X		
Impulse Noise	X	X	X		
Net Loss Variations	X	X	X	X	X
Pilot Slot	X	X	X		
Spurious Single Frequency Tone	X	X	X		

(CT) The technical specifications are delineated in Technical References listed in Paragraph 7.2, preceding.

Issued: August 9, 1991

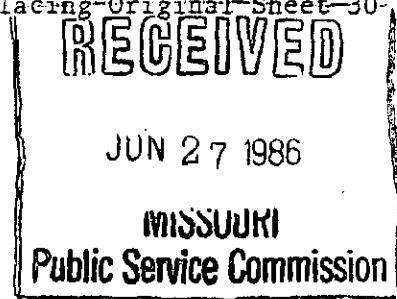
Effective: September 30, 1991

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

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October 1, 2021
Missouri Public
Service Commission
JI-2022-0045

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Access Services Tariff
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(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.5 Wideband Analog Service

A. Basic Channel Description

A Wideband Analog channel is a channel with a bandwidth measured in kHz for the transmission of a wideband signal. The actual bandwidth is a function of the channel interface selected by the customer. Wideband Analog channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub.

B. Technical Specifications Packages

Parameter	Package WA-					CANCELLED
	1	2	2A	3	4	
Amplitude Stability	X	X				SEP 30 1991 BY 2 nd R.S. #30 Public Service Commission MISSOURI
Background Noise	X	X	X	X	X	
Frequency Shift	X	X	X			
Gain/Frequency Characteristics of:						
-Group Connections	X			X	X	
-Supergroup Connections		X				
-Mastergroup Connections			X			
Impulse Noise	X	X	X			
Net Loss Variations	X	X	X	X	X	
Pilot Slot	X	X	X			
Spurious Single Frequency Tone	X	X	X			

The technical specifications are delineated in Technical Reference PUB 62505 and associated Addendum.



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

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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)

PUBLIC SERVICE COMMISSION

B. Voice Grade Services-(Continued)

4. Voice Grade 4 (VG4) Special Access Service

Reserved For Future Use

5. Voice Grade 5 (VG5) Special Access Service

a. Description

Special Access Service VG5 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 transmission interface can be either two-wire or four-wire at the End User's premises and the IC terminal location. This service will support effective two-wire or four-wire transmission.

b. Illustrative Applications

Special Access Service VG5 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Protective Alarm
- DATAPHONE Select-A-Station

c. Optional Features

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

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Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
4th Revised Sheet 31
Replacing 3rd Revised Sheet 31

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

(RT)

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.5 Wideband Analog Service-(Continued)

C. Channel Interfaces

The following channel interfaces (CIs) define the bandwidths that are available for a Wideband Analog channel:

<u>CI</u>	<u>Bandwidth</u>
AH-B	60 kHz to 108 kHz (Group)
AH-C	312 kHz to 552 kHz (Supergroup)
AH-D	564 kHz to 3084 kHz (Mastergroup)
WD-1	300 Hz to 18 kHz
WD-2	29 kHz to 44 kHz
WD-3	28 kHz to 44 kHz

Compatible channel interfaces are set forth in Technical References at the end of Paragraph 7.2.

(AT) D. Optional Features, BSEs and Functions

(AT) 1. Central Office Multiplexing BSE

a. Mastergroup to Supergroup

An arrangement that converts a Mastergroup channel to ten Supergroup channels using frequency division multiplexing.

b. Supergroup to Group

An arrangement that converts a Supergroup channel to five Group channels using frequency division multiplexing.

c. Group to Voice

An arrangement that converts a Group channel to twelve Voice Grade channels using frequency division multiplexing. A channel(s) of this Group level service to the Hub can also be used for Program Audio service.

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Replacing 1st Revised Sheet 31

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7. SPECIAL ACCESS SERVICE-(Continued)

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7.2 Service Descriptions-(Continued)

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7.2.5 Wideband Analog Service-(Continued)

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C. Channel Interfaces

The following channel interfaces (CI's) define the bandwidths that are available for a Wideband Analog channel:

<u>CI</u>	<u>Bandwidth</u>
AH-B	60 kHz to 108 kHz (Group)
AH-C	312 kHz to 552 kHz (Supergroup)
AH-D	564 kHz to 3084 kHz (Mastergroup)
WD-1	300 Hz to 18 kHz
WD-2	29 kHz to 44 kHz
WD-3	28 kHz to 44 kHz

(CI) Compatible channel interfaces are set forth in Technical References at the end of Paragraph 7.2.

D. Optional Features and Functions

1. Central Office Multiplexing

a. Mastergroup to Supergroup

An arrangement that converts a Mastergroup channel to ten Supergroup channels using frequency division multiplexing.

b. Supergroup to Group

An arrangement that converts a Supergroup channel to five Group channels using frequency division multiplexing.

c. Group to Voice

An arrangement that converts a Group channel to twelve Voice Grade channels using frequency division multiplexing. A channel(s) of this Group level service to the Hub can also be used for Program Audio service.

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(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.5 Wideband Analog Service-(Continued)

C. Channel Interfaces

The following channel interfaces (CI's) define the bandwidths that are available for a Wideband Analog channel:

<u>CI</u>	<u>Bandwidth</u>
AH-B	60 kHz to 108 kHz (Group)
AH-C	312 kHz to 552 kHz (Supergroup)
AH-D	564 kHz to 3084 kHz (Mastergroup)
WD-1	300 Hz to 18 kHz
WD-2	29 kHz to 44 kHz
WD-3	28 kHz to 44 kHz

Compatible channel interfaces are set forth in Paragraph 7.3.5, E., following.

D. Optional Features and Functions

1. Central Office Multiplexing

a. Mastergroup to Supergroup

An arrangement that converts a Mastergroup channel to ten Supergroup channels using frequency division multiplexing.

b. Supergroup to Group

An arrangement that converts a Supergroup channel to five Group channels using frequency division multiplexing.

c. Group to Voice

An arrangement that converts a Group channel to twelve Voice Grade channels using frequency division multiplexing. A channel(s) of this Group level service to the Hub can also be used for Program Audio service.

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BY *gms* R.S.#31

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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)

5. Voice Grade 5 (VG5) Special Access Service-(Continued)

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

- Echo Control

Echo Control, identified as Equal Level Echo Path Loss at four-wire interfaces or Return Loss at two-wire interfaces, for both 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 do not 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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Section 7
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Replacing 2nd Revised Sheet 32

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

(RT)

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.5 Wideband Analog Service-(Continued)

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

(AT) 1. Central Office Multiplexing BSE-(Continued)

d. Group to DS1

An arrangement that converts two Group channels to a DS1 channel using analog to digital conversion.

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

	<u>Available with Technical Specifications Package WA-</u>				
	<u>1</u>	<u>2</u>	<u>2A</u>	<u>3</u>	<u>4</u>
Central Office Multiplexing:					
-Mastergroup to Supergroup			X		
-Supergroup to Group		X			
-Group to Voice	X				
-Group to DS1(1)					

(1) Requires two channels with technical specifications package WA1 to form a WAIT service.

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Southwestern Bell Telephone Company
St. Louis, Missouri

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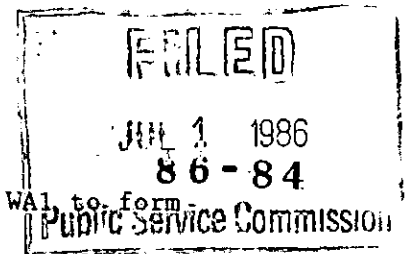
- 7. SPECIAL ACCESS SERVICE-(Continued)
 - 7.2 Service Descriptions-(Continued)
 - 7.2.5 Wideband Analog Service-(Continued)
 - D. Optional Features and Functions-(Continued)
 - 1. Central Office Multiplexing-(Continued)
 - d. Group to DS1



An arrangement that converts two Group channels to a DS1 channel using analog to digital conversion.

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

	Available with Technical Specifications Package WA-				
	<u>1</u>	<u>2</u>	<u>2A</u>	<u>3</u>	<u>4</u>
Central Office Multiplexing:					
-Mastergroup to Supergroup			X		
-Supergroup to Group		X			
-Group to Voice	X				
-Group to DS1(1)					



(1) Requires two channels with technical specifications package WA1 to form a WALT service.

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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)

5. Voice Grade 5 (VG5) 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 Two-Wire Interface (Return Loss)	5 dB	2.5 dB
Four-Wire Interface (Equal Level Echo Path Loss)	16 dB	11 dB

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

(For Centrex application, 1 1986
2 db pad is "in")

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BY R.S.32
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Section 7

Southwestern Bell Telephone
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~~Replacing 2nd Revised Sheet 33~~
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7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

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(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.6 Wideband Data Service

A. Basic Channel Description

A Wideband Data channel is an analog channel for the transmission of synchronous serial data at the rate of 19.2, 50.0 or 230.4 kbps or of asynchronous serial data at rates of up to 19.2, 50.0 or 230.4 kbps. Optional arrangements are available for transmission of synchronous serial data at 18.75 or 40.8 kbps. The actual bit rate is a function of the channel interface selected by the customer. This service requires a 303 Data Station(s). The 303 Data Station provides coupling between the customer's business machine and the wideband data transmission medium. A voiceband coordinating channel is also provided. Wideband data channels are provided between customer designated premises.

B. Technical Specifications Packages

	<u>Package WD-</u>		
	<u>1</u>	<u>2</u>	<u>3</u>
<u>Parameter</u>			
Error-Free Seconds	X	X	X

While in service, the monthly average of error-free seconds will be equal to or greater than 98.75 percent.

C. Channel Interfaces

The following channel interfaces (CI's) define the bit rates that are available for a Wideband Data channel:

<u>CI</u>	<u>Bit Rate</u>
WB-18S	18.75 kbps, synchronous
WB-19A	up to 19.2 kbps, asynchronous
WB-19S	19.2 kbps, synchronous
WB-23A	up to 230.4 kbps, asynchronous
WB-23S	230.4 kbps, synchronous
WB-40S	40.8 kbps, synchronous
WB-50A	up to 50.0 kbps, asynchronous
WB-50S	50.0 kbps, synchronous

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Access Services Tariff
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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)

5. Voice Grade 5 (VG5) Special Access Service-(Continued)

d. Transmission Performance-(Continued)

- 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		Improved RL	
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 +5.0 dB with reference to the loss at 1004 Hz (minus equals less loss, plus equals more loss).

- Signal-to-C Notch Noise

The Signal-to-C Notch noise ratio shall not be less than 26 dB.

- Impulse Noise

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

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Replacing 3rd Revised Sheet 34

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

(RT)

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.6 Wideband Data Service-(Continued)

Compatible channel interfaces are set forth in Technical References at the end of Paragraph 7.2.

(AT) D. Optional Features, BSEs and Functions

1. Key Activated Transfer Arrangement

An arrangement that affords the customer an additional measure of flexibility in the use of their access channel(s). The arrangement can be utilized to transfer a leg of a Special Access Service to either a spare or working channel that terminates in either the same or a different customer premises. A key activated control service is required to operate the transfer arrangement. A spare line, if required, is not included as a part of the option.

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

	<u>Available with Technical Specifications Package WD-</u>		
	<u>1</u>	<u>2</u>	<u>3</u>
Key Activated Transfer Arrangement	X	X	X

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By A. D. ROBERTSON, Assistant Vice President-External Affairs
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7. SPECIAL ACCESS SERVICE-(Continued)

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7.2 Service Descriptions-(Continued)

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7.2.6 Wideband Data Service-(Continued)

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(CT)

Compatible channel interfaces are set forth in Technical References at the end of Paragraph 7.2.

D. Optional Features and Functions

1. Key Activated Transfer Arrangement

An arrangement that affords the customer an additional measure of flexibility in the use of their access channel(s). The arrangement can be utilized to transfer a leg of a Special Access Service to either a spare or working channel that terminates in either the same or a different customer premises. A key activated control service is required to operate the transfer arrangement. A spare line, if required, is not included as a part of the option.

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

	Available with Technical Specifications Package WD-		
	<u>1</u>	<u>2</u>	<u>3</u>
Key Activated Transfer Arrangement	X	X	X

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MISSOURI

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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)

5. Voice Grade 5 (VG5) Special Access Service-(Continued)

e. Available Facility Interface Combinations

VG5 is available only with specific facility interface combinations as set forth in Paragraph 7.2.1, B., 14, following.

6. Voice Grade 6 (VG6) Special Access Service

a. Description

Special Access Service VG6 provides a channel for voiceband data transmission capability. Usable frequencies are nominally 300 to 3000 KHz between an IC terminal location and an End User's premises. The transmission interface is four-wire at both the IC terminal location and the End User's premises. This service will support effective four-wire transmission.

b. Illustrative Applications

Special Access Service VG6 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Private Line Data Circuit
- Control/Remote Metering

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.7 MegaLink Data(1) Service

(CP)

A. Basic Channel Description

A MegaLink Data channel is a channel for duplex four-wire transmission of synchronous serial data at the rate of 4.8, 9.6, 19.2, 56.0 kbps or 64 kbps Clear Channel (CC)*. The actual bit rate is a function of the channel interface selected by the customer. The channel provides a synchronous service with timing provided by the Telephone Company through the Telephone Company's facilities to the customer in the received bit stream. MegaLink Data channels are provided between customer-designated premises for two-point service at all speeds or between a customer - designated premises and a Telephone Company digital hub for multipoint or multiplexed service at all speeds except 64 kbps (CC).

(RT)

It is the responsibility of the customer to provide the Channel Service Unit-type equipment or other Network Channel Terminating Equipment associated with the MegaLink Data Channel at the customer premises.

B. Technical Specifications Packages

Package DA-

Parameter	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>
Error-Free Seconds	X	X	X	X	X	X

The Telephone Company will provide a channel capable of meeting a monthly average performance equal to or greater than 99.875 percent error-free seconds (if provided through a Digital Data Hub) while the channel is in service, if it is measured through a CSU equivalent which is designed, manufactured and maintained to conform with the specifications contained in the appropriate technical reference listed in Paragraph 7.2, preceding.

Voltages which are compatible with MegaLink Data Service are delineated in the appropriate technical reference listed in Paragraph 7.2, preceding.

*64 kbps Clear Channel (CC) is offered only where equipment and facilities are available.

(1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

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(AT)

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.7 MegaLink Data Service

A. Basic Channel Description

A MegaLink Data channel is a channel for duplex four-wire transmission of synchronous serial data at the rate of 2.4, 4.8, 9.6, 19.2, 56.0 kbps or 64 kbps Clear Channel (CC)*. The actual bit rate is a function of the channel interface selected by the customer. The channel provides a synchronous service with timing provided by the Telephone Company through the Telephone Company's facilities to the customer in the received bit stream. MegaLink Data channels are provided between customer-designated premises for two-point service at all speeds or between a customer - designated premises and a Telephone Company digital hub for multipoint or multiplexed service at all speeds except 64 kbps (CC).

It is the responsibility of the customer to provide the Channel Service Unit-type equipment or other Network Channel Terminating Equipment associated with the MegaLink Data Channel at the customer premises.

(RT)

B. Technical Specifications Packages

Package DA-

Parameter	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>
Error-Free Seconds	X	X	X	X	X	X

The Telephone Company will provide a channel capable of meeting a monthly average performance equal to or greater than 99.875 percent error-free seconds (if provided through a Digital Data Hub) while the channel is in service, if it is measured through a CSU equivalent which is designed, manufactured and maintained to conform with the specifications contained in the appropriate technical reference listed in Paragraph 7.2, preceding.

Voltages which are compatible with MegaLink Data Service are delineated in the appropriate technical reference listed in Paragraph 7.2, preceding.

*64 kbps Clear Channel (CC) is offered only where equipment and facilities are available.

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

Access Services Tariff
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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.7 MegaLink Data Service

A. Basic Channel Description

A MegaLink Data channel is a channel for duplex four-wire transmission of synchronous serial data at the rate of 2.4, 4.8, 9.6, 19.2, 56.0 kbps or 64 kbps Clear Channel (CC)*. The actual bit rate is a function of the channel interface selected by the customer. The channel provides a synchronous service with timing provided by the Telephone Company through the Telephone Company's facilities to the customer in the received bit stream. MegaLink Data channels are provided between customer-designated premises for two-point service at all speeds or between a customer - designated premises and a Telephone Company digital hub for multipoint or multiplexed service at all speeds except 64 kbps (CC).

It is the responsibility of the customer to provide the Channel Service Unit-type equipment or other Network Channel Terminating Equipment associated with the MegaLink Data Channel at the customer premises.

(CT) This service is classified as competitive.

B. Technical Specifications Packages

Parameter	<u>Package DA-</u>					
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>
Error-Free Seconds	X	X	X	X	X	X

The Telephone Company will provide a channel capable of meeting a monthly average performance equal to or greater than 99.875 percent error-free seconds (if provided through a Digital Data Hub) while the channel is in service, if it is measured through a CSU equivalent which is designed, manufactured and maintained to conform with the specifications contained in the appropriate technical reference listed in Paragraph 7.2, preceding.

Voltages which are compatible with MegaLink Data Service are delineated in the appropriate technical reference listed in Paragraph 7.2, preceding.

*64 kbps Clear Channel (CC) is offered only where equipment and facilities are available.

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

Cancelled
April 19, 2009
Missouri Public
Service Commission
JI-2009-0676

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

Access Services Tariff
Section 7
6th Revised Sheet 35
Replacing 5th Revised Sheet 35

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

CANCELLED

JAN - 9 1995

7.2 Service Descriptions-(Continued)

MAR 29 2002

7.2.7 MegaLink Data Service

By *JWS 35*
Public Service Commission
MISSOURI

MO. PUBLIC SERVICE COMM.

A. Basic Channel Description

(AT)

(AT)

(AT)

(AT)

A MegaLink Data channel is a channel for duplex four-wire transmission of synchronous serial data at the rate of 2.4, 4.8, 9.6, 19.2, 56.0 kbps or 64 kbps Clear Channel (CC)*. The actual bit rate is a function of the channel interface selected by the customer. The channel provides a synchronous service with timing provided by the Telephone Company through the Telephone Company's facilities to the customer in the received bit stream. MegaLink Data channels are provided between customer-designated premises for two-point service at all speeds or between a customer-designated premises and a Telephone Company digital hub for multipoint or multiplexed service at all speeds except 64 kbps (CC).

It is the responsibility of the customer to provide the Channel Service Unit-type equipment or other Network Channel Terminating Equipment associated with the MegaLink Data Channel at the customer premises.

This service was classified as transitionally competitive effective January 10, 1993.

B. Technical Specifications Packages

Package DA-

(AT)

(AT)

Parameter	1	2	3	4	5	6
Error-Free Seconds	X	X	X	X	X	X

The Telephone Company will provide a channel capable of meeting a monthly average performance equal to or greater than 99.875 percent error-free seconds (if provided through a Digital Data Hub) while the channel is in service, if it is measured through a CSU equivalent which is designed, manufactured and maintained to conform with the specifications contained in the appropriate technical reference listed in Paragraph 7.2, preceding.

Voltages which are compatible with MegaLink Data Service are delineated in the appropriate technical reference listed in Paragraph 7.2, preceding.

(AT)

(AT)

*64 kbps Clear Channel (CC) is offered only where equipment and facilities are available.

Issued: JAN 09 1995

Effective: FEB 09 1995

FILED

By HORACE WILKINS, JR., President-Missouri
Southwestern Bell Telephone
St. Louis, Missouri

FEB - 9 1995

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
5th Revised Sheet 35
Replacing 4th Revised Sheet 35

ACCESS SERVICES

- 7. SPECIAL ACCESS SERVICE-(Continued)
- 7.2 Service Descriptions-(Continued)
- 7.2.7 MegaLink Data Service

RECEIVED
SEP 29 1992
MISSOURI
Public Service Commission

A. Basic Channel Description

A MegaLink Data channel is a channel for duplex four-wire transmission of synchronous serial data at the rate of 2.4, 4.8, 9.6 or 56.0 kbps. The actual bit rate is a function of the channel interface selected by the customer. The channel provides a synchronous service with timing provided by the Telephone Company through the Telephone Company's facilities to the customer in the received bit stream. MegaLink Data channels are provided between customer-designated premises for two-point service or between a customer-designated premises and a Telephone Company digital hub for multipoint or multiplexed service.

It is the responsibility of the customer to provide the Channel Service Unit-type equipment or other Network Channel Terminating Equipment associated with the MegaLink Data Channel at the customer premises.

This service was classified as transitionally competitive effective January 10, 1993.

CANCELLED

B. Technical Specifications Packages

Parameter	Package DA-		
	<u>1</u>	<u>2</u>	<u>3</u>
Error-Free Seconds	X	X	X

FEB 9 - 1995
BY 6th R.S.#35
Public Service Commission
MISSOURI

The Telephone Company will provide a channel capable of meeting a monthly average performance equal to or greater than 99.875 percent error-free seconds (if provided through a Digital Data Hub) while the channel is in service, if it is measured through a CSU equivalent which is designed, manufactured and maintained to conform with the specifications contained in the appropriate technical reference listed in Paragraph 7.2, preceding.

Voltages which are compatible with MegaLink Data Service are delineated in the appropriate technical reference listed in Paragraph 7.2, preceding.

Issued: **OCT 01 1992**

Effective: **JAN 10 1993**

FILED

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

JAN 10 1993
93 - 116
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
4th Revised Sheet 35
Replacing 3rd Revised Sheet 35

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE--(Continued)

AUG 9 1991

7.2 Service Descriptions--(Continued)

MISSOURI
Public Service Commission

7.2.7 MegaLink Data Service

A. Basic Channel Description

A MegaLink Data channel is a channel for duplex four-wire transmission of synchronous serial data at the rate of 2.4, 4.8, 9.6 or 56.0 kbps. The actual bit rate is a function of the channel interface selected by the customer. The channel provides a synchronous service with timing provided by the Telephone Company through the Telephone Company's facilities to the customer in the received bit stream. MegaLink Data channels are provided between customer-designated premises for two-point service or between a customer-designated premises and a Telephone Company digital hub for multipoint or multiplexed service.

It is the responsibility of the customer to provide the Channel Service Unit-type equipment or other Network Channel Terminating Equipment associated with the MegaLink Data Channel at the customer premises.

(RT)
(RT)

CANCELLED
JAN 10 1993
BY 5th R.S.#35

B. Technical Specifications Packages

Parameter	Package DA-			
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
Error-Free Seconds	X	X	X	X

The Telephone Company will provide a channel capable of meeting a monthly average performance equal to or greater than 99.875 percent error-free seconds (if provided through a Digital Data Hub) while the channel is in service, if it is measured through a CSU equivalent which is designed, manufactured and maintained to conform with the specifications contained in the appropriate technical reference listed in Paragraph 7.2, preceding.

(CT)
(CT)

Voltages which are compatible with MegaLink Data Service are delineated in the appropriate technical reference listed in Paragraph 7.2, preceding.

(CT)

Issued: **AUG 09 1991**

Effective: ~~SEP 00 1991~~

FILED

SEP 30 1991

SEP 30 1991

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

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

Access Services Tariff
Section 7
3rd Revised Sheet 35
Replacing 2nd Revised Sheet 35

ACCESS SERVICES

RECEIVED

7. SPECIAL ACCESS SERVICE-(Continued)

SEP 25 1989

7.2 Service Descriptions-(Continued)

(CT) 7.2.7 MegaLink Data Service

MISSOURI
Public Service Commission

A. Basic Channel Description

(CT) A MegaLink Data channel is a channel for duplex four-wire transmission of synchronous serial data at the rate of 2.4, 4.8, 9.6 or 56.0 kbps. The actual bit rate is a function of the channel interface selected by the customer. The channel provides a synchronous service with timing provided by the Telephone Company through the Telephone Company's facilities to the customer in the received bit stream. MegaLink Data channels are provided between customer designated premises for two point service or between a customer designated premises and a Telephone Company digital hub for multipoint or multiplexed service.

(CT) It is the responsibility of the customer to provide the Channel Service Unit-type equipment or other Network Channel Terminating Equipment associated with the MegaLink Data Channel at the customer premises. The interim program for interconnection of such equipment is set forth in Technical Reference PUB AS No. 1.

CANCELLED

B. Technical Specifications Packages

SEP 30 1991
Package DAF 4th R.S. # 35
Public Service Commission
MISSOURI

Parameter	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
Error-Free Seconds	X	X	X	X

The Telephone Company will provide a channel capable of meeting a monthly average performance equal to or greater than 99.875 percent error-free seconds (if provided through a Digital Data Hub) while the channel is in service, if it is measured through a CSU equivalent which is designed, manufactured and maintained to conform with the specifications contained in Technical Reference PUB 62310.

(CT) Voltages which are compatible with MegaLink Data Service are delineated in Technical Reference PUB 62507.

Issued: SEP 25 1989

Effective: OCT 1, 1989

FILED

By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company Public Service Commission
St. Louis, 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 35 Replacing 1st Revised Sheet 35

ACCESS SERVICES

RECEIVED

7. SPECIAL ACCESS SERVICE--(Continued)

JUN 22 1988

7.2 Service Descriptions--(Continued)

7.2.7 Digital Data Service

MISSOURI Public Service Commission

A. Basic Channel Description

A Digital Data channel is a channel for duplex four-wire transmission of synchronous serial data at the rate of 2.4, 4.8, 9.6 or 56.0 kbps. The actual bit rate is a function of the channel interface selected by the customer. The channel provides a synchronous service with timing provided by the Telephone Company through the Telephone Company's facilities to the customer in the received bit stream. Digital Data channels are only available via Telephone Company designated Hubs and are provided between customer-designated premises or between a customer-designated premises and a Telephone Company Hub.

(CP)

It is the responsibility of the customer to provide the Channel Service Unit-type equipment or other Network Channel Terminating Equipment associated with the Digital Data Channel at the customer premises. The interim program for interconnection of such equipment is set forth in Technical Reference PUB AS No. 1.

B. Technical Specifications Packages

CANCELLED

OCT 1 1989
BY B3rd R.S.#35
Public Service Commission
MISSOURI

Parameter	Package DA-			
	<u>2</u>	<u>3</u>	<u>4</u>	
Error-Free Seconds	X	X	X	X

The Telephone Company will provide a channel capable of meeting a monthly average performance equal to or greater than 99.875 percent error-free seconds (if provided through a Digital Data Hub) while the channel is in service, if it is measured through a CSU equivalent which is designed, manufactured and maintained to conform with the specifications contained in Technical Reference PUB 62310.

Voltages which are compatible with Digital Data Service are delineated in Technical Reference PUB 62507.

Issued: JUN 22 1988

Effective: JUL 8 1988

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

FILED

JUL 8 1988

88-287
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 35
Replacing Original Sheet 35

(CP)ACCESS SERVICES



7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.7 Digital Data Service

A. Basic Channel Description

A Digital Data channel is a channel for duplex four-wire transmission of synchronous serial data at the rate of 2.4, 4.8, 9.6 or 56.0 kbps. The actual bit rate is a function of the channel interface selected by the customer. The channel provides a synchronous service with timing provided by the Telephone Company through the Telephone Company's facilities to the customer in the received bit stream. Digital Data channels are only available via Telephone Company designated Hubs and are provided between customer-designated premises or between a customer-designated premises and a Telephone Company Hub.

The customer may provide the Channel Service Unit-type equipment or other Network Channel Terminating Equipment associated with the Digital Data channel at the customer premises. The interim program for interconnection of such equipment is set forth in Technical Reference PUB AS No. 1.

B. Technical Specifications Packages

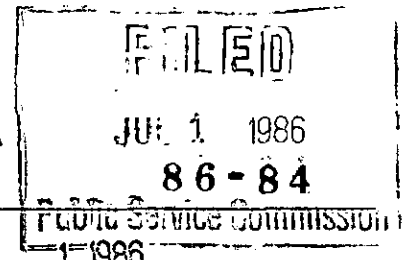
Parameter	Package DA-			
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
Error-Free Seconds	X	X	X	X

The Telephone Company will provide a channel capable of meeting a monthly average performance equal to or greater than 99.875 percent error-free seconds (if provided through a Digital Data Hub) while the channel is in service, if it is measured through a CSU equivalent which is designed, manufactured and maintained to conform with the specifications contained in Technical Reference PUB 62310.

Voltages which are compatible with Digital Data Service are delineated in Technical Reference PUB 62507.

CANCELLED

JUL 8 1988
BY *gms* R.S.# 35
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

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

Access Services Tariff
Section 7
Original Sheet 35

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DEC 29 1983
MISSOURI
Public Service Commission

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)

6. Voice Grade 6 (VG6) Special Access Service-(Continued)

c. Optional Features

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

d. Transmission Performance

- C-Message Noise

The C-Message Noise shall be less than:

<u>Channel Mileage (mi)</u>	<u>Limit (dBrnCO)(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

CANCELLED

JUL 1 1986

BY J.R.S.35
PUBLIC SERVICE COMMISSION
OF MISSOURI

JAN 1 1984

83-253

Public Service Commission

(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.

Issued: DEC 29 1983

Effective: JAN 0 1 1984

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

P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
7th Revised Sheet 36
Replacing 6th Revised Sheet 36

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.7 MegaLink Data(1) Service-(Continued)

(CP)

C. Channel Interfaces

The following channel interfaces (CI's) define the bit rates that are available for a Digital Data channel:

<u>CI</u>	<u>Bit Rate</u>
DU-48	4.8 kbps
DU-96	9.6 kbps
DU-19	19.2 kbps
DU-56	56.0 kbps
DU-64	64.0 kbps (CC)*

(RT)

Compatible channel interfaces are set forth in Technical References at the end of Paragraph 7.2.

D. Service to Service Through Connect Arrangement

This provides the interconnection of two subtending digital data channels derived from DS1 multiplexed services. The through connect will be provisioned in lieu of a typical MegaLink Data channel termination. The through connect will be provisioned for all MegaLink Data speeds; 4.8, 9.6, 19.2, 56 kbps and 64 kbps (CC). The ordering customer must provide channel assignments for both. Channel mileage is required if the multiplexed services are terminated in two separate digital Hubs. (RT)

E. Optional Features, BSEs and Functions

I. Central Office Bridging BSE Capability

2. Transfer Arrangement

An arrangement that affords the customer an additional measure of protection and/or flexibility in the use of their access channel(s) on a 1xN basis. The arrangement can be utilized to transfer a leg of a Special Access Service to either a spare or working channel that terminates in either the same or a different customer premises. This arrangement is only available at a Telephone Company-designated Hub. A Key Activated or Dial-Up Control Service is required to operate the transfer arrangement. A spare line, if required, is not included as a part of the option.

*MegaLink Data Service 64 kbps channel interface is offered only with Clear Channel.

(1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

(AT)

(AT)

Issued: May 28, 2021

Effective: June 30, 2021

By CRAIG UNRUH, President - Missouri
St. Louis, Missouri

FILED
Missouri Public
Service Commission
JI-2021-0210

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

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

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.7 MegaLink Data Service-(Continued)

C. Channel Interfaces

The following channel interfaces (CI's) define the bit rates that are available for a Digital Data channel:

	<u>CI</u>	<u>Bit Rate</u>
	DU-24	2.4 kbps
	DU-48	4.8 kbps
	DU-96	9.6 kbps
(AT)	DU-19	19.2 kbps
	DU-56	56.0 kbps
(AT)	DU-64	64.0 kbps (CC)*

Compatible channel interfaces are set forth in Technical References at the end of Paragraph 7.2.

D. Service to Service Through Connect Arrangement

(AT) This provides the interconnection of two subtending digital data channels derived from DS1 multiplexed services. The through connect will be provisioned in lieu of a typical MegaLink Data channel termination. The through connect will be provisioned for all MegaLink Data speeds; 2.4, 4.8, 9.6, 19.2, 56 kbps and 64 kbps (CC). The ordering customer must provide channel assignments for both. Channel mileage is required if the multiplexed services are terminated in two separate digital Hubs.

E. Optional Features, BSEs and Functions

1. Central Office Bridging BSE Capability

2. Transfer Arrangement

An arrangement that affords the customer an additional measure of protection and/or flexibility in the use of their access channel(s) on a 1xN basis. The arrangement can be utilized to transfer a leg of a Special Access Service to either a spare or working channel that terminates in either the same or a different customer premises. This arrangement is only available at a Telephone Company-designated Hub. A Key Activated or Dial-Up Control Service is required to operate the transfer arrangement. A spare line, if required, is not included as a part of the option.

(AT) *MegaLink Data Service 64 kbps channel interface is offered only with Clear Channel.

Issued: January 9, 1995

Effective: February 9, 1995

By HORACE WILKINS, JR., President-Missouri
Southwestern Bell Telephone
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 36
Replacing 4th Revised Sheet 36

ACCESS SERVICES

- 7. SPECIAL ACCESS SERVICE-(Continued)
- 7.2 Service Descriptions-(Continued)
- 7.2.7 MegaLink Data Service-(Continued)

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MAR 29 1993

MISSOURI
Public Service Commission

C. Channel Interfaces

The following channel interfaces (CI's) define the bit rates that are available for a Digital Data channel:

<u>CI</u>	<u>Bit Rate</u>
DU-24	2.4 kbps
DU-48	4.8 kbps
DU-96	9.6 kbps
DU-56	56.0 kbps

Compatible channel interfaces are set forth in Technical References at the end of Paragraph 7.2.

D. Service to Service Through Connect Arrangement

This provides the interconnection of two subtending digital data channels derived from DS1 multiplexed services. The through connect will be provisioned in lieu of a typical MegaLink Data channel termination. The through connect will be provisioned for all MegaLink Data speeds; 2.4, 4.8, 9.6 and 56 kbps. The ordering customer must provide channel assignments for both. Channel mileage is required if the multiplexed services are terminated in two separate digital Hubs.

CANCELLED

(AT) E. Optional Features, BSEs and Functions

- (AT) 1. Central Office Bridging BSE Capability
- 2. Transfer Arrangement

FEB 9 - 1995
BY 6th R.S. #36
Public Service Commission
MISSOURI

An arrangement that affords the customer an additional measure of protection and/or flexibility in the use of their access channel(s) on a 1xN basis. The arrangement can be utilized to transfer a leg of a Special Access Service to either a spare or working channel that terminates in either the same or a different customer premises. This arrangement is only available at a Telephone Company-designated Hub. A Key Activated or Dial-Up Control Service is required to operate the transfer arrangement. A spare line, if required, is not included as a part of the option.

Issued:

MAR 26 1993

Effective:

APR 1 FILED

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
4th Revised Sheet 36
Replacing 3rd Revised Sheet 36

ACCESS SERVICES

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FEB 20 1990

7. SPECIAL ACCESS SERVICE--(Continued)

7.2 Service Descriptions--(Continued)

7.2.7 MegaLink Data Service--(Continued)

MISSOURI
Public Service Commission

C. Channel Interfaces

The following channel interfaces (CI's) define the bit rates that are available for a Digital Data channel:

<u>CI</u>	<u>Bit Rate</u>
DU-24	2.4 kbps
DU-48	4.8 kbps
DU-96	9.6 kbps
DU-56	56.0 kbps

Compatible channel interfaces are set forth in Technical References at the end of Paragraph 7.2.

D. Service to Service Through Connect Arrangement

This provides the interconnection of two subtending digital data channels derived from DS1 multiplexed services. The through connect will be provisioned in lieu of a typical MegaLink Data channel termination. The through connect will be provisioned for all MegaLink Data speeds; 2.4, 4.8, 9.6 and 56 kbps. The ordering customer must provide channel assignments for both. Channel mileage is required if the multiplexed services are terminated in two separate digital Hubs.

E. Optional Features and Functions

1. Central Office Bridging Capability
2. Transfer Arrangement

An arrangement that affords the customer an additional measure of protection and/or flexibility in the use of their access channel(s) on a 1xN basis. The arrangement can be utilized to transfer a leg of a Special Access Service to either a spare or working channel that terminates in either the same or a different customer premises. This arrangement is only available at a Telephone Company-designated Hub. A Key Activated or Dial-Up Control Service is required to operate the transfer arrangement. A spare line, if required, is not included as a part of the option.

CANCELLED

APR 11 1993
BY 5th R.S. #36

MISSOURI
Public Service Commission

Issued: FEB 22 1990

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

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

Access Services Tariff
Section 7
3rd Revised Sheet 36
Replacing 2nd Revised Sheet 36

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE--(Continued)

SEP 25 1989

7.2 Service Descriptions--(Continued)

(CT) 7.2.7 MegaLink Data Service--(Continued)

MISSOURI
Public Service Commission

C. Channel Interfaces

The following channel interfaces (CI's) define the bit rates that are available for a Digital Data channel:

<u>CI</u>	<u>Bit Rate</u>
DU-24	2.4 kbps
DU-48	4.8 kbps
DU-96	9.6 kbps
DU-56	56.0 kbps

(CT) Compatible channel interfaces are set forth in Technical References at the end of Paragraph 7.2.

D. Optional Features and Functions

1. Central Office Bridging Capability
2. Transfer Arrangement

An arrangement that affords the customer an additional measure of protection and/or flexibility in the use of their access channel(s) on a 1xN basis. The arrangement can be utilized to transfer a leg of a Special Access Service to either a spare or working channel that terminates in either the same or a different customer premises. This arrangement is only available at a Telephone Company-designated Hub. A Key Activated or Dial-Up Control Service is required to operate the transfer arrangement. A spare line, if required, is not included as a part of the option.

CANCELLED
MAR 26 1990
BY *402 R.S.#36*
Public Service Commission
MISSOURI

Issued: SEP 25 1989

Effective: OCT 1 1989

FILED

OCT 1 1989

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

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 36
Replacing 1st Revised Sheet 36

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE--(Continued)

7.2 Service Descriptions--(Continued)

7.2.7 Digital Data Service--(Continued)

C. Channel Interfaces

The following channel interfaces (CI's) define the bit rates that are available for a Digital Data channel:

<u>CI</u>	<u>Bit Rate</u>
DU-24	2.4 kbps
DU-48	4.8 kbps
DU-96	9.6 kbps
DU-56	56.0 kbps

Compatible channel interfaces are set forth in Paragraph 7.3.5, G., following.

D. Optional Features and Functions

1. Central Office Bridging Capability
2. Transfer Arrangement

An arrangement that affords the customer an additional measure of protection and/or flexibility in the use of their access channel(s) on a 1xN basis. The arrangement can be utilized to transfer a leg of a Special Access Service to either a spare or working channel that terminates in either the same or a different customer premises. This arrangement is only available at a Telephone Company-designated Hub. A Key Activated or Dial-Up Control Service is required to operate the transfer arrangement. A spare line, if required, is not included as a part of the option.

(MT)

(MT)

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SEP 17 1987

MISSOURI
Public Service Commission

CANCELLED

OCT 1 1989
BY *328* R.S. #36
Public Service Commission
MISSOURI

Issued: SEP 18 1987

Effective: OCT 19 1987

FILED

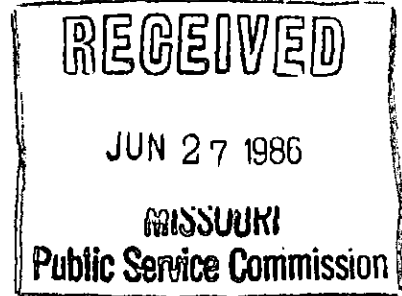
By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

OCT 19 1987

Public Service Commission

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

(CP)ACCESS SERVICES



- 7. SPECIAL ACCESS SERVICE-(Continued)
- 7.2 Service Descriptions-(Continued)
- 7.2.7 Digital Data Service-(Continued)
- C. Channel Interfaces

The following channel interfaces (CI's) define the bit rates that are available for a Digital Data channel:

<u>CI</u>	<u>Bit Rate</u>
DU-24	2.4 kbps
DU-48	4.8 kbps
DU-96	9.6 kbps
DU-56	56.0 kbps

Compatible channel interfaces are set forth in Paragraph 7.3.5, G., following.

D. Optional Features and Functions

- 1. Central Office Bridging Capability
- 2. Transfer Arrangement

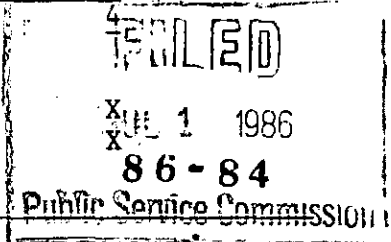
CANCELLED

OCT 10 1987
BY *gms* R.S.#36
Public Service Commission
MISSOURI

An arrangement that affords the customer an additional measure of protection and/or flexibility in the use of their access channel(s) on a 1xN basis. The arrangement can be utilized to transfer a leg of a Special Access Service to either a spare or working channel that terminates in either the same or a different customer premises. This arrangement is only available at a Telephone Company-designated Hub. A Key Activated or Dial-Up Control Service is required to operate the transfer arrangement. A spare line, if required, is not included as a part of the option.

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

	Available with Technical Specifications Package DA-		
	<u>1</u>	<u>2</u>	<u>3</u>
Central Office Bridging Capability	X	X	X
Transfer Arrangement	X	X	X



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

7. SPECIAL ACCESS SERVICE-(Continued)

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DEC 29 1983
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)

6. Voice Grade 6 (VG6) Special Access Service-(Continued)

d. Transmission Performance-(Continued)

- 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	Improved RL
ERL	5 dB	20 dB
SRL	2.5 dB	13.5 dB

- Loss Variation

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

- Attenuation Distortions

The attenuation distortion between 404 Hz and 2804 Hz shall be within -1.0 dB and +4.0 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 -1.0 dB and +3.0 dB with reference to the loss at 1004 Hz. 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.

- 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 dBnCO in 15 minutes shall be less than 15.

CANCELLED

BY J.R.S. 36
PUBLIC SERVICE COMMISSION
OF MISSOURI

FILED
JAN 1 1984
83-259
MISSOURI PUBLIC SERVICE COMMISSION

Issued: DEC 29 1983

Effective: JAN 0 1 1984

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

**P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF**

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
5th Revised Sheet 36.1
Replacing 4th Revised Sheet 36.1

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.7 MegaLink Data(1) Service-(Continued) (CP)

E. Optional Features, BSEs and Functions (Continued)

3. Secondary Channel Capability BSE

Secondary Channel capability provides for an additional low-speed digital transmission channel within the existing 4.8, 9.6, 19.2 and 56.0 kbps primary channels. It is available as a point-to-point or a multipoint service utilizing a nonrepeated channel termination. The Secondary Channel can be used as a communications channel for the controlling and monitoring of a customer's network. (RT)

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

	<u>Available with Technical Specifications Package DA-</u>					
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>
Central Office Bridging Capability	X	X	X	X	X	
Transfer Arrangement	X	X	X	X	X	X
Secondary Channel Capability	X	X	X	X	X	

- (1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024. (AT)
- |
(AT)

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

Access Services Tariff
Section 7
4th Revised Sheet 36.01
Replacing 3rd Revised Sheet 36.01

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.7 MegaLink Data Service-(Continued)

E. Optional Features, BSEs and Functions (Continued)

3. Secondary Channel Capability BSE

(AT) Secondary Channel capability provides for an additional low-speed digital transmission channel within the existing 2.4, 4.8, 9.6, 19.2 and 56.0 kbps primary channels. It is available as a point-to-point or a multipoint service utilizing a nonrepeated channel termination. The Secondary Channel can be used as a communications channel for the controlling and monitoring of a customer's network.

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

		Available with Technical Specifications Package DA-					
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>
(AT)	Central Office Bridging Capability	X	X	X	X	X	
	Transfer Arrangement	X	X	X	X	X	X
(AT)	Secondary Channel Capability	X	X	X	X	X	

Issued: January 9, 1995

Effective: February 9, 1995

By HORACE WILKINS, JR., President-Missouri
Southwestern Bell Telephone
St. Louis, Missouri

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

Access Services Tariff
Section 7
3rd Revised Sheet 36.01
Replacing 2nd Revised Sheet 36.01

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.7 MegaLink Data Service-(Continued)

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

(AT) 3. Secondary Channel Capability BSE

Secondary Channel capability provides for an additional low-speed digital transmission channel within the existing 2.4, 4.8, 9.6, and 56.0 kbps primary channels. It is available as a point-to-point or a multipoint service utilizing a nonrepeated channel termination. The Secondary Channel can be used as a communications channel for the controlling and monitoring of a customer's network.

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

	Available with Technical Specifications Package DA-			
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
Central Office Bridging Capability	X	X	X	X
Transfer Arrangement	X	X	X	X
Secondary Channel Capability	X	X	X	X

CANCELLED

FEB 9 - 1995
BY 4th R.S. # 36.01
Public Service Commission
MISSOURI

FILED

APR 11 1993
92-304
MO. PUBLIC SERVICE COM.

Issued: MAR 26 1993

Effective:

APR 11 1993

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 canceling this tariff.

Access Services Tariff
Section 7
2nd Revised Sheet 36.01
Replacing 1st Revised Sheet 36.01

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

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7.2 Service Descriptions-(Continued)

FEB 20 1990

7.2.7 MegaLink Data Service-(Continued)

MISSOURI

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

Public Service Commission

3. Secondary Channel Capability

Secondary Channel capability provides for an additional low-speed digital transmission channel within the existing 2.4, 4.8, 9.6, and 56.0 kbps primary channels. It is available as a point-to-point or a multipoint service utilizing a nonrepeated channel termination. The Secondary Channel can be used as a communications channel for the controlling and monitoring of a customer's network.

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

	Available with Technical Specifications Package DA-			
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
Central Office Bridging Capability	X	X	X	X
Transfer Arrangement	X	X	X	X
Secondary Channel Capability	X	X	X	X

CANCELLED

APR 11 1993
BY 322 R.S. 36.01
Public Service Commission
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Issued: FEB 22 1990

Effective: MAR 26 1990

FILED

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

MAR 26 1990

Public Service Commissioner

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

Access Services Tariff
Section 7
1st Revised Sheet 36.01
Replacing Original Sheet 36.01

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

SEP 25 1989

7.2 Service Descriptions-(Continued)

MISSOURI
Public Service Commission

(CT) 7.2.7 MegaLink Data Service-(Continued)

D. Optional Features and Functions (Continued)

3. Secondary Channel Capability

Secondary Channel capability provides for an additional low-speed digital transmission channel within the existing 2.4, 4.8, 9.6, and 56.0 kbps primary channels. It is available as a point-to-point or a multipoint service utilizing a nonrepeated channel termination. The Secondary Channel can be used as a communications channel for the controlling and monitoring of a customer's network.

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

	Available with Technical Specifications Package DA-			
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
Central Office Bridging Capability	X	X	X	X
Transfer Arrangement	X	X	X	X
Secondary Channel Capability	X	X	X	X

CANCELLED
MAR 26 1990
BY *2nd R.S.#36.01*
Public Service Commission
MISSOURI

FILED

Issued: SEP 25 1989

Effective: OCT 1 1989

OCT 1 1989
89 - 14

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 canceling this tariff.

Access Services Tariff
Section 7
Original Sheet 36.01

ACCESS SERVICES

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SEP 17 1987

MISSOURI
Public Service Commission

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.7 Digital Data Service-(Continued)

D. Optional Features and Functions (Continued)

(NR) 3. Secondary Channel Capability

Secondary Channel capability provides for an additional low-speed digital transmission channel within the existing 2.4, 4.8, 9.6, and 56.0 kbps primary channels. It is available as a point-to-point or a multipoint service utilizing a nonrepeated channel termination. The Secondary Channel can be used as a communications channel for the controlling and monitoring of a customer's network.

(NR)

(MT)

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

(MT)

(AT)

	Available with Technical Specifications Package DA-			
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
Central Office Bridging Capability	X	X	X	X
Transfer Arrangement	X	X	X	X
Secondary Channel Capability	X	X	X	X

CANCELLED

OCT 1 1989
BY elr.S.#36.01
Public Service Commission
MISSOURI

Issued: SEP 18 1987

Effective: OCT 19 1987

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

FILED

OCT 19 1987

Public Service Commission

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE

7.2 Service Descriptions (cont'd)

7.2.8 High Capacity Service

A. Basic Channel Description

A High Capacity channel is a channel for the transmission of nominal 64.0 Kbps(1)(2) or 1.544 or 44.736 Mbps isochronous serial data. The actual bit rate and framing format is a function of the channel interface selected by the customer. High Capacity channels are provided (a) between customer designated premises, (b) between a customer designated premises and a Telephone Company Hub, (c) Hub to Hub for Network Reconfiguration Service at 1.544 Mbps transmission or (d) between a Network Reconfiguration Service Hub and a Telephone Company Hub at 1.544 Mbps transmission. (CP)

It is the responsibility of the customer to provide the Network Channel Terminating Equipment associated with the High Capacity channel at the customer's premises. The interim program, for interconnection of such equipment is set forth in Technical Reference PUB AS No. 1.

B. Technical Specifications Packages

Parameters	Package HC-		
	0	1	3
Error-Free Seconds		X	

A channel with technical specifications package HC1 will be capable of an error-free second performance of 98.75 percent over a continuous 24-hour period as measured at the 1.544 Mbps rate through a CSU equivalent which is designed, manufactured and maintained to conform with the specifications contained in Technical References set forth at the end of Paragraph 7.2.

- (1) Available only as a channel of a 1.544 Mbps facility between two Telephone Company designated Hubs. The customer must provide system and channel assignment data.
- (2) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024. (AT)

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE

7.2 Service Descriptions (cont'd)

7.2.8 High Capacity Service

A. Basic Channel Description

A High Capacity channel is a channel for the transmission of nominal 64.0 Kbps(1) or 1.544 or 44.736 Mbps isochronous serial data. The actual bit rate and framing format is a function of the channel interface selected by the customer. High Capacity channels are provided (a) between customer designated premises, (b) between a customer designated premises and a Telephone Company Hub, (c) Hub to Hub for Network Reconfiguration Service at 1.544 Mbps transmission or (d) between a Network Reconfiguration Service Hub and a Telephone Company Hub at 1.544 Mbps transmission.

It is the responsibility of the customer to provide the Network Channel Terminating Equipment associated with the High Capacity channel at the customer's premises. The interim program, for interconnection of such equipment is set forth in Technical Reference PUB AS No. 1.

(RT)

B. Technical Specifications Packages

<u>Parameters</u>	<u>Package HC-</u>		
	<u>0</u>	<u>1</u>	<u>3</u>
Error-Free Seconds		X	

A channel with technical specifications package HC1 will be capable of an error-free second performance of 98.75 percent over a continuous 24-hour period as measured at the 1.544 Mbps rate through a CSU equivalent which is designed, manufactured and maintained to conform with the specifications contained in Technical References set forth at the end of Paragraph 7.2.

(1) Available only as a channel of a 1.544 Mbps facility between two Telephone Company designated Hubs. The customer must provide system and channel assignment data.

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

Access Services Tariff
Section 7
11th Revised Sheet 37
Replacing 10th Revised Sheet 37

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE

7.2 Service Descriptions (cont'd)

7.2.8 High Capacity Service

A. Basic Channel Description

(RT)(FC)

A High Capacity channel is a channel for the transmission of nominal 64.0 Kbps(1) or 1.544 or 44.736 Mbps isochronous serial data. The actual bit rate and framing format is a function of the channel interface selected by the customer. High Capacity channels are provided (a) between customer designated premises, (b) between a customer designated premises and a Telephone Company Hub, (c) Hub to Hub for Network Reconfiguration Service at 1.544 Mbps transmission or (d) between a Network Reconfiguration Service Hub and a Telephone Company Hub at 1.544 Mbps transmission.

It is the responsibility of the customer to provide the Network Channel Terminating Equipment associated with the High Capacity channel at the customer's premises. The interim program, for interconnection of such equipment is set forth in Technical Reference PUB AS No. 1.

High Capacity Service is classified as competitive.

B. Technical Specifications Packages

<u>Parameters</u>	<u>Package HC-</u>		
	<u>0</u>	<u>1</u>	<u>3</u>
Error-Free Seconds		X	

A channel with technical specifications package HC1 will be capable of an error-free second performance of 98.75 percent over a continuous 24-hour period as measured at the 1.544 Mbps rate through a CSU equivalent which is designed, manufactured and maintained to conform with the specifications contained in Technical References set forth at the end of Paragraph 7.2.

(1) Available only as a channel of a 1.544 Mbps facility between two Telephone Company designated Hubs. The customer must provide system and channel assignment data.

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

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

Access Services Tariff
Section 7
10th Revised Sheet 37
Replacing 9th Revised Sheet 37

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

Missouri Public

7.2 Service Descriptions-(Continued)

REC'D FEB 20 2002

7.2.8 High Capacity Service

Service Commission

A. Basic Channel Description

A High Capacity channel is a channel for the transmission of nominal 64.0 kbps(1) or 1.544 or 44.736 Mbps isochronous serial data. The actual bit rate and framing format is a function of the channel interface selected by the customer. High Capacity channels are provided (a) between customer designated premises, (b) between a customer designated premises and a Telephone Company Hub, (c) Hub to Hub for Network Reconfiguration Service at 1.544 Mbps transmission, (d) between Transport Resource Management Service Hubs at 1.544 Mbps transmission, (e) between a Transport Resource Management Service Hub and a Telephone Company Hub at 1.544 Mbps transmission, (f) between a Network Reconfiguration Service Hub and a Transport Resource Management Service Hub at 1.544 Mbps transmission, or (g) between a Network Reconfiguration Service Hub and a Telephone Company Hub at 1.544 Mbps transmission.

It is the responsibility of the customer to provide the Network Channel Terminating Equipment associated with the High Capacity channel at the customer's premises. The interim program, for interconnection of such equipment is set forth in Technical Reference PUB AS No. 1.

(CT)

High Capacity Service is classified as competitive.

B. Technical Specifications Packages

CANCELLED
FEB 02 2003
HHS 37
Public Service Commission
MISSOURI

Parameters	Package HC-	
	0	1
Error-Free Seconds		X

A channel with technical specifications package HC1 will be capable of an error-free second performance of 98.75 percent over a continuous 24-hour period as measured at the 1.544 Mbps rate through a CSU equivalent which is designed, manufactured and maintained to conform with the specifications contained in Technical References set forth at the end of Paragraph 7.2.

(1) Available only as a channel of a 1.544 Mbps facility between two Telephone Company designated Hubs. The customer must provide system and channel assignment data.

Issued: February 20, 2002

Effective: March 22, 2002

By JAN NEWTON, President-Missouri
Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Company
St. Louis, Missouri

Missouri Public
MAR 29 2002

FILED MAR 29 2002

Service Commission

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

Access Services Tariff Section 7 9th Revised Sheet 37 Replacing 8th Revised Sheet 37

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.8 High Capacity Service

MAR 29 2002
By IANRS31
Public Service Commission
MISSOURI

AUG 26 1994

MO. PUBLIC SERVICE COMM.

A. Basic Channel Description

A High Capacity channel is a channel for the transmission of nominal 64.0 kbps(1) or 1.544 or 44.736 Mbps isochronous serial data. The actual bit rate and framing format is a function of the channel interface selected by the customer. High Capacity channels are provided (a) between customer designated premises, (b) between a customer designated premises and a Telephone Company Hub, (c) Hub to Hub for Network Reconfiguration Service at 1.544 Mbps transmission, (d) between Transport Resource Management Service Hubs at 1.544 Mbps transmission, (e) between a Transport Resource Management Service Hub and a Telephone Company Hub at 1.544 Mbps transmission, (f) between a Network Reconfiguration Service Hub and a Transport Resource Management Service Hub at 1.544 Mbps transmission, or (g) between a Network Reconfiguration Service Hub and a Telephone Company Hub at 1.544 Mbps transmission.

(FC)
(FC)
(AT)

(AT)

It is the responsibility of the customer to provide the Network Channel Terminating Equipment associated with the High Capacity channel at the customer's premises. The interim program, for interconnection of such equipment is set forth in Technical Reference PUB AS No. 1.

High Capacity Service was classified as transitionally competitive effective January 10, 1993.

B. Technical Specifications Packages

Parameters	Package HC-		
	<u>0</u>	<u>1</u>	<u>3</u>
Error-Free Seconds		X	

A channel with technical specifications package HC1 will be capable of an error-free second performance of 98.75 percent over a continuous 24-hour period as measured at the 1.544 Mbps rate through a CSU equivalent which is designed, manufactured and maintained to conform with the specifications contained in Technical References set forth at the end of Paragraph 7.2.

- (1) Available only as a channel of a 1.544 Mbps facility between Telephone Company designated Hubs. The customer must provide system and channel assignment data.

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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
8th Revised Sheet 37
Replacing 7th Revised Sheet 37

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

AUG 25 1993

7.2 Service Descriptions-(Continued)

MISSOURI
Public Service Commission

7.2.8 High Capacity Service

A. Basic Channel Description

(RT)

A High Capacity channel is a channel for the transmission of nominal 64.0 kbps(1) or 1.544 or 44.736 Mbps isochronous serial data. The actual bit rate and framing format is a function of the channel interface selected by the customer. High Capacity channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub, or Hub to Hub for Network Reconfiguration Service at 1.544 Mbps transmission.

It is the responsibility of the customer to provide the Network Channel Terminating Equipment associated with the High Capacity channel at the customer's premises. The interim program, for interconnection of such equipment is set forth in Technical Reference PUB AS No. 1.

High Capacity Service was classified as transitionally competitive effective January 10, 1993.

B. Technical Specifications Packages

Package HC-

CANCELLED

(RT)

	<u>0</u>	<u>1</u>	<u>3</u>
<u>Parameters</u>			
Error-Free Seconds		X	

SEP 26 1994
BY 92 R.S. #37
Public Service Commission
MISSOURI

A channel with technical specifications package HC1 will be capable of an error-free second performance of 98.75 percent over a continuous 24-hour period as measured at the 1.544 Mbps rate through a CSU equivalent which is designed, manufactured and maintained to conform with the specifications contained in Technical References set forth at the end of Paragraph 7.2.

- (1) Available only as a channel of a 1.544 Mbps facility between two Telephone Company designated Hubs. The customer must provide system and channel assignment data.

Issued: **AUG 27 1993**

Effective: **SEP 27 1993**

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
7th Revised Sheet 37
Replacing 6th Revised Sheet 37

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.8 High Capacity Service

A. Basic Channel Description

A High Capacity channel is a channel for the transmission of nominal 64.0 kbps(1) or 1.544, 3.152, 6.312, 44.736 or 274.176 Mbps isochronous serial data. The actual bit rate and framing format is a function of the channel interface selected by the customer. High Capacity channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub, or Hub to Hub for Network Reconfiguration Service at 1.544 Mbps transmission.

It is the responsibility of the customer to provide the Network Channel Terminating Equipment associated with the High Capacity channel at the customer's premises. The interim program, for interconnection of such equipment is set forth in Technical Reference PUB AS No. 1.

(AT)
(AT)

High Capacity Service was classified as transitionally competitive effective January 10, 1993.

B. Technical Specifications Packages

	Package HC		
	0	1	1C
Parameters			
Error-Free Seconds		X	

BY 28 JAN 1993
Public Service Commission
MISSOURI

Parameters

Error-Free Seconds X

A channel with technical specifications package HC1 will be capable of an error-free second performance of 98.75 percent over a continuous 24-hour period as measured at the 1.544 Mbps rate through a CSU equivalent which is designed, manufactured and maintained to conform with the specifications contained in Technical References set forth at the end of Paragraph 7.2.

- (1) Available only as a channel of a 1.544 Mbps facility between two Telephone Company designated Hubs. The customer must provide system and channel assignment data.

Issued: OCT 01 1992

Effective: JAN 10 1993

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

JAN 10 1993
93 - 116
MO. PUBLIC SERVICE COM.

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

Access Services Tariff
Section 7
6th Revised Sheet 37
Replacing 5th Revised Sheet 37

ACCESS SERVICES

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AUG 9 1991

MISSOURI
Public Service Commission

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.8 High Capacity Service

A. Basic Channel Description

A High Capacity channel is a channel for the transmission of nominal 64.0 kbps(1) or 1.544, 3.152, 6.312, 44.736 or 274.176 Mbps isochronous serial data. The actual bit rate and framing format is a function of the channel interface selected by the customer. High Capacity channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub, or Hub to Hub for Network Reconfiguration Service at 1.544 Mbps transmission.

It is the responsibility of the customer to provide the Network Channel Terminating Equipment associated with the High Capacity channel at the customer's premises.

(RT)
(RT)

B. Technical Specifications Packages

	Package HC-					
	<u>0</u>	<u>1</u>	<u>1C</u>	<u>2</u>	<u>3</u>	<u>4</u>

Parameters

Error-Free Seconds X

A channel with technical specifications package HC1 will be capable of an error-free second performance of 98.75 percent over a continuous 24-hour period as measured at the 1.544 Mbps rate through a CSU equivalent which is designed, manufactured and maintained to conform with the specifications contained in Technical References set forth at the end of Paragraph 7.2.

CANCELLED

JAN 10 1993
BY 7#R.S.#37

- (1) Available only as a channel of a 1.544 Mbps facility between two Telephone Company designated Hubs. The customer must provide system and channel assignment data.

Issued: AUG 09 1991

Effective: ~~SEP 09 1991~~
SEP 30 1991

FILED

SEP 30 1991

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
5th Revised Sheet 37
Replacing 4th Revised Sheet 37

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

MAY 29 1991

7.2 Service Descriptions-(Continued)

7.2.8 High Capacity Service

MISSOURI
Public Service Commission

A. Basic Channel Description

A High Capacity channel is a channel for the transmission of nominal 64.0 kbps(1) or 1.544, 3.152, 6.312, 44.736 or 274.176 Mbps isochronous serial data. The actual bit rate and framing format is a function of the channel interface selected by the customer. High Capacity channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub, or Hub to Hub for Network Reconfiguration Service at 1.544 Mbps transmission.

(AT)
(AT)

It is the responsibility of the customer to provide the Network Channel Terminating Equipment associated with the High Capacity channel at the customer's premises. The interim program, for interconnection of such equipment is set forth in Technical Reference PUB AS No. 1.

B. Technical Specifications Packages

Parameters

Error-Free Seconds

0 1 1C

X

CANCELLED
Package HC-
SEP 30 1991
BY 6th B.S. 37
Public Service Commission
MISSOURI

A channel with technical specifications package HC1 will be capable of an error-free second performance of 98.75 percent over a continuous 24-hour period as measured at the 1.544 Mbps rate through a CSU equivalent which is designed, manufactured and maintained to conform with the specifications contained in Technical References set forth at the end of Paragraph 7.2.

- (1) Available only as a channel of a 1.544 Mbps facility between two Telephone Company designated Hubs. The customer must provide system and channel assignment data.

Issued: JUN 04 1991

Effective: AUG 05 1991

FILED

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

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
4th Revised Sheet 37
Replacing 3rd Revised Sheet 37

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

MISSOURI
Public Service Commission

A. Basic Channel Description

A High Capacity channel is a channel for the transmission of nominal 64.0 kbps(1) or 1.544, 3.152, 6.312, 44.736 or 274.176 Mbps isochronous serial data. The actual bit rate and framing format is a function of the channel interface selected by the customer. High Capacity channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub.

It is the responsibility of the customer to provide the Network Channel Terminating Equipment associated with the High Capacity channel at the customer's premises. The interim program, for interconnection of such equipment is set forth in Technical Reference PUB AS No. 1.

B. Technical Specifications Packages

<u>Parameters</u>	<u>Package HC-</u>					
	<u>0</u>	<u>1</u>	<u>1C</u>	<u>2</u>	<u>3</u>	<u>4</u>
Error-Free Seconds		X				

A channel with technical specifications package HC1 will be capable of an error-free second performance of 98.75 percent over a continuous 24-hour period as measured at the 1.544 Mbps rate through a CSU equivalent which is designed, manufactured and maintained to conform with the specifications contained in Technical References set forth at the end of Paragraph 7.2.

(CT)

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AUG 2 1991
BY Sth RS # 37

(1) Available only as a channel of a 1.544 Mbps facility between a Telephone Company designated hubs. The customer must provide system and assignment data.

(RT)

Issued: FEB 22 1990

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

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

Access Services Tariff
Section 7
3rd Revised Sheet 37
Replacing 2nd Revised Sheet 37

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

SEP 25 1989

7.2 Service Descriptions-(Continued)

7.2.8 High Capacity Service

MISSOURI
Public Service Commission

A. Basic Channel Description

A High Capacity channel is a channel for the transmission of nominal 64.0 kbps(1) or 1.544, 3.152, 6.312, 44.736 or 274.176 Mbps isochronous serial data. The actual bit rate and framing format is a function of the channel interface selected by the customer. High Capacity channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub.

It is the responsibility of the customer to provide the Network Channel Terminating Equipment associated with the High Capacity channel at the customer's premises. The interim program, for interconnection of such equipment is set forth in Technical Reference PUB AS No. 1.

B. Technical Specifications Packages

Parameters	Package HC-					
	<u>0</u>	<u>1</u>	<u>1C</u>	<u>2</u>	<u>3</u>	<u>4</u>
Error-Free Seconds		X				

A channel with technical specifications package HC1 will be capable of an error-free second performance of 98.75 percent over a continuous 24-hour period as measured at the 1.544 Mbps rate through a CSU equivalent which is designed, manufactured and maintained to conform with the specifications contained in Technical Reference PUB 62411

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- (1) Available only as a channel of a 1.544 Mbps facility between two Telephone Company designated Hubs or as a cross connect of two 2.4, 4.8, 9.6, 56.0 or 64.0 kbps channels or two 1.544 Mbps facilities to a designated Hub(s). The customer must provide system and channel assignment data.

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Issued: SEP 25 1989

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89-14

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

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Access Services Tariff
Section 7
2nd Revised Sheet 37
Replacing 1st Revised Sheet 37

ACCESS SERVICES

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Public Service Commission

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.8 High Capacity Service

A. Basic Channel Description

A High Capacity channel is a channel for the transmission of nominal 64.0 kbps (1) or 1.544, 3.152, 6.312, 44.736 or 274.176 Mbps isochronous serial data. The actual bit rate and framing format is a function of the channel interface selected by the customer. High Capacity channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub.

(CP)

It is the responsibility of the customer to provide the Network Channel Terminating Equipment associated with the High Capacity channel at the customer's premises. The interim program, for interconnection of such equipment is set forth in Technical Reference PUB AS No. 1.

B. Technical Specifications Packages

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OCT 1 1989

BY *3rd Rs. #39*

Public Service Commission
MISSOURI

Parameters	Package HC-				
	<u>1</u>	<u>1C</u>	<u>2</u>	<u>3</u>	<u>4</u>
Error-Free Seconds					X

A channel with technical specifications package HC1 will be capable of an error-free second performance of 98.75 percent over a continuous 24-hour period as measured at the 1.544 Mbps rate through a CSU equivalent which is designed, manufactured and maintained to conform with the specifications contained in Technical Reference PUB 62411.

(1) Available only as a channel of a 1.544 Mbps facility between two Telephone Company Digital Data Hubs or as a cross connect of two 2.4, 4.8, 9.6, 56.0 or 64.0 kbps channels or two 1.544 Mbps facilities to a Digital Data Hub(s). The customer must provide system and channel assignment data.

Issued: ~~JUN 24 1988~~
JUN 22 1988

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JUL 8 1988

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

JUL 8 1988
88-287
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 37
Replacing Original Sheet 37

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.8 High Capacity Service

A. Basic Channel Description

A High Capacity channel is a channel for the transmission of nominal 64.0 kbps(1) or 1.544, 3.152, 6.312, 44.736 or 274.176 Mbps isochronous serial data. The actual bit rate and framing format is a function of the channel interface selected by the customer. High Capacity channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub.

The customer may provide the Network Channel Terminating Equipment associated with the High Capacity channel at the customer's premises. The interim program for interconnection of such equipment is set forth in Technical Reference PUB AS No. 1.

B. Technical Specifications Packages

Parameters	Package HC-					
	<u>0</u>	<u>1</u>	<u>1C</u>	<u>2</u>	<u>3</u>	<u>4</u>
Error-Free Seconds		X				

A channel with technical specifications package HC1 will be capable of an error-free second performance of 98.75 percent over a continuous 24-hour period as measured at the 1.544 Mbps rate through a CSU equivalent which is designed, manufactured and maintained to conform with the specifications contained in Technical Reference PUB 62411.

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JUL 8 1988
BY *gms* R.S. #37
Public Service Commission
MISSOURI

(1) Available only as a channel for a 1.544 Mbps facility between two Telephone Company Digital Data Hubs or as a cross connect of two 2.4, 4.8, 9.6, 56.0 or 64.0 kbps channels or two 1.544 Mbps facilities to a Digital Data Hub(s). The customer must provide system and channel assignment data.

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JUL 1 1988
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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
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Public Service Commission

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)

6. Voice Grade 6 (VG6) Special Access Service-(Continued)

d. Transmission Performance-(Continued)

- 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.

e. Available Facility Interface Combinations

VG6 is available only with specific facility interface combinations as set forth in Paragraph 7.2.1, B., 14., following.

7. Voice Grade 7 (VG7) Special Access Service

a. Description

Special Access Service VG7 provides a channel for voiceband data transmission capability. Usable frequencies are nominally 300 to 3000 Hz between an office terminal location and an End User's premises. The transmission interface at the End User's premises

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BY 1st B.S. 37
PUBLIC SERVICE COMMISSION
OF MISSOURI

JAN 1 1984
83 - 253
Public Service Commission

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

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.8 High Capacity Service-(Continued)

C. Channel Interfaces

The following channel interfaces (CI's) define the bit rates that are available for a High Capacity channel:

<u>CI</u>	<u>Bit Rate</u>
DS-15(1)(2)	1.544 Mbps (DS1)
DS-44	44.736 Mbps (DS3)

Compatible channel interfaces are set forth in Technical References at the end of Paragraph 7.2.

D. Service to Service Through Connect Arrangement

1. High Capacity Service Arrangement

This provides the interconnection of two DS1 at a Digital Hub.

2. Multiplexed Service Arrangement

This provides the interconnection of two digital channels extended from High Capacity multiplexed services. The through connect will be provisioned in lieu of a typical High Capacity channel termination. The ordering customer must provide channel assignments for both multiplexed services. Channel mileage is required if the multiplexed services are terminated in two separate digital hubs.

- (1) A 64.0 Kbps channel is available as a channel(s) of a 1.544 Mbps facility to a Telephone Company Hub.
- (2) Effective June 30, 2021, 64.0 Kbps will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.
- (AT)
- (AT)

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

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.8 High Capacity Service-(Continued)

C. Channel Interfaces

The following channel interfaces (CI's) define the bit rates that are available for a High Capacity channel:

	<u>CI</u>	<u>Bit Rate</u>
(RT)	DS-15(1)	1.544 Mbps (DS1)
(RT)		
(RT)	DS-44	44.736 Mbps (DS3)

Compatible channel interfaces are set forth in Technical References at the end of Paragraph 7.2.

D. Service to Service Through Connect Arrangement

1. High Capacity Service Arrangement

This provides the interconnection of two DS1 at a Digital Hub.

2. Multiplexed Service Arrangement

This provides the interconnection of two digital channels extended from High Capacity multiplexed services. The through connect will be provisioned in lieu of a typical High Capacity channel termination. The ordering customer must provide channel assignments for both multiplexed services. Channel mileage is required if the multiplexed services are terminated in two separate digital hubs.

- (1) A 64.0 Kbps channel is available as a channel(s) of a 1.544 Mbps facility to a Telephone Company Hub.

Issued: August 27, 1993

Effective: September 27, 1993

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
5th Revised Sheet 38
Replacing 4th Revised Sheet 38

ACCESS SERVICES

- 7. SPECIAL ACCESS SERVICE--(Continued)
- 7.2 Service Descriptions--(Continued)
- 7.2.8 High Capacity Service--(Continued)
- C. Channel Interfaces

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The following channel interfaces (CI's) define the bit rates that are available for a High Capacity channel:

<u>CI</u>	<u>Bit Rate</u>
DS-15(1)	1.544 Mbps (DS1)
DS-27	274.176 Mbps (DS4)
DS-31	3.152 Mbps (DS1C)
DS-44	44.736 Mbps (DS3)
DS-53	6.312 Mbps (DS2)

Compatible channel interfaces are set forth in Technical References at the end of Paragraph 7.2.

- D. Service to Service Through Connect Arrangement
 - 1. High Capacity Service Arrangement
 - 2. Multiplexed Service Arrangement

This provides the interconnection of two DS1 at a Digital Hub.

This provides the interconnection of two digital channels extended from High Capacity multiplexed services. The through connect will be provisioned in lieu of a typical High Capacity channel termination. The ordering customer must provide channel assignments for both multiplexed services. Channel mileage is required if the multiplexed services are terminated in two separate digital hubs.

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BY 6th R.S. # 38
Public Service Commission
MISSOURI

(1) A 64.0 Kbps channel is available as a channel(s) of a 1.544 Mbps facility to a Telephone Company Hub.

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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

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

Access Services Tariff
Section 7
4th Revised Sheet 38
Replacing 3rd Revised Sheet 38

ACCESS SERVICES

- 7. SPECIAL ACCESS SERVICE-(Continued)
- 7.2 Service Descriptions-(Continued)
- 7.2.8 High Capacity Service-(Continued)
- C. Channel Interfaces

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SEP 25 1989

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The following channel interfaces (CI's) define the bit rates that are available for a High Capacity channel:

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CI	Bit Rate
DS-15(1)	1.544 Mbps (DS1)
DS-27	274.176 Mbps (DS4)
DS-31	3.152 Mbps (DS1C)
DS-44	44.736 Mbps (DS3)
DS-53	6.312 Mbps (DS2)

(CT) Compatible channel interfaces are set forth in Technical References at the end of Paragraph 7.2.

D. Optional Features and Functions

- 1. Automatic Loop Transfer

The Automatic Loop Transfer provides protection on a 1xN basis against failure of the facilities between a customer-designated premises and the wire center serving that premises. Protection is furnished through the use of a switching arrangement that automatically switches to a spare channel when a working channel fails. The spare channel is included as a part of the option. This option requires compatible equipment at both the serving wire center and the customer's premises. The customer is responsible for providing the equipment at his/her premises.

- 2. Transfer Arrangement

An arrangement that affords the customer an additional measure of flexibility in the use of their access channel(s). The arrangement can be utilized to transfer a leg of a Special Access Service to either a spare or working channel that terminates in either the same or a different customer premises. A Key Activated or Dial-Up Control Service is required to operate the transfer arrangement. A spare line, if required, is not included as part of the option.

(1) A 64.0 Kbps channel is available as a channel(s) of a 1.544 Mbps facility to a Telephone Company Hub.

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OCT 1 1989
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St. Louis, Missouri
Public Service Commission

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Access Services Tariff
Section 7
3rd Revised Sheet 38
Replacing 2nd Revised Sheet 38

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.8 High Capacity Service-(Continued)

C. Channel Interfaces

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Public Service Commission

The following channel interfaces (CI's) define the bit rates that are available for a High Capacity channel:

CI	Bit Rate
DS-15(1)	1.544 Mbps (DS1)
DS-27	274.176 Mbps (DS4)
DS-31	3.152 Mbps (DS1C)
DS-44	44.736 Mbps (DS3)
DS-53	6.312 Mbps (DS2)

Compatible channel interfaces are set forth in Paragraph 7.3.5, H., following.

D. Optional Features and Functions

1. Automatic Loop Transfer

The Automatic Loop Transfer provides protection on a 1xN basis against failure of the facilities between a customer-designated premises and the wire center serving that premises. Protection is furnished through the use of a switching arrangement that automatically switches to a spare channel when a working channel fails. The spare channel is included as a part of the option. This option requires compatible equipment at both the serving wire center and the customer's premises. The customer is responsible for providing the equipment at his/her premises.

2. Transfer Arrangement

An arrangement that affords the customer an additional measure of flexibility in the use of their access channel(s). The arrangement can be utilized to transfer a leg of a Special Access Service to either a spare or working channel that terminates in either the same or a different customer premises. A Key Activated or Dial-Up Control Service is required to operate the transfer arrangement. A spare line, if required, is not included as part of the option.

(1) A 64.0 kbps channel is available as a channel(s) of a 1.544 Mbps facility to a Telephone Company Hub.

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Public Service Commission
MISSOURI

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(CP)

Issued: ~~1988~~
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Effective: ~~1988~~
JUL 8 1988

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

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JUL 8 1988
88-287
Public Service Commission

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

Access Services Tariff
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2nd Revised Sheet 38
Replacing ~~1st Revised Sheet 38~~

(CP)ACCESS SERVICES

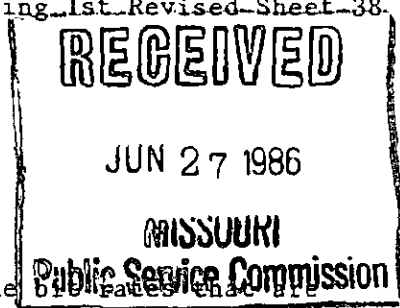
7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

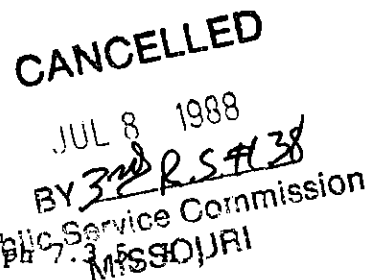
7.2.8 High Capacity Service-(Continued)

C. Channel Interfaces

The following channel interfaces (CI's) define the bit rates that are available for a High Capacity channel:



CI	Bit Rate
DS-15(1)	1.544 Mbps (DS1)
DS-27	274.176 Mbps (DS4)
DS-31	3.152 Mbps (DS1C)
DS-44	44.736 Mbps (DS3)
DS-53	6.312 Mbps (DS2)



Compatible channel interfaces are set forth in Paragraph 7.3 following.

D. Optional Features and Functions

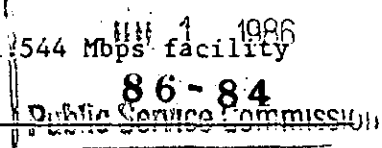
1. Automatic Loop Transfer

The Automatic Loop Transfer provides protection on a 1xN basis against failure of the facilities between a customer-designated premises and the wire center serving that premises. Protection is furnished through the use of a switching arrangement that automatically switches to a spare channel when a working channel fails. The spare channel is included as a part of the option. This option requires compatible equipment at both the serving wire center and the customer's premises. The customer is responsible for providing the equipment at its premises. Equipment at the customer's premises will be provided under tariff only if it existed in the Telephone Company's inventory as of November 18, 1983.

2. Transfer Arrangement

An arrangement that affords the customer an additional measure of flexibility in the use of their access channel(s). The arrangement can be utilized to transfer a leg of a Special Access Service to either a spare or working channel that terminates in either the same or a different customer premises. A Key Activated or Dial-Up Control Service is required to operate the transfer arrangement. A spare line, if required, is not included as part of the option.

(1) A 64.0 kbps channel is available as a channel(s) of a 1.544 Mbps facility to a Telephone Company Hub.



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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 38
Replacing Original Sheet 38

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)

a. Description-(Continued)

is two-wire or four-wire and the IC terminal location interface is four-wire. This service will support effective two-wire or four-wire transmission.

b. Illustrative Applications

Special Access Service VG7 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Centrex C.O. Station Line Off-Premises Station
- PBX Off-Premises Station
- Foreign Exchange Trunk (Closed End)
- Foreign Exchange Line (Closed End)
- PBX Tie Trunks
- SSN Tie Trunks
- Voice Grade Data Connecting Facility

c. Optional Features

- Improved return loss for effective two-wire transmission at the End User's premises.
- C-Conditioning
- DA-Conditioning
- IC specified End User's premises receive level within a range acceptable to the Telephone Company

(RT)

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AUG 1 1984
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JUL 1 1986
BY *gnd R.S. 38*
PUBLIC SERVICE COMMISSION
OF MISSOURI

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OCT 15 1984
Public Service Commission

Issued: **AUG 15 1984**

Effective: **OCT 1 1984**

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

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Access Services Tariff
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Original Sheet 38

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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)

a. Description-(Continued)

is two-wire or four-wire and the IC terminal location interface is four-wire. This service will support effective two-wire or four-wire transmission.

b. Illustrative Applications

Special Access Service VG7 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Centrex C.O. Station Line Off-Premises Station
- PBX Off-Premises Station
- Foreign Exchange Trunk (Closed End)
- Foreign Exchange Line (Closed End)
- PBX Tie Trunks
- SSN Tie Trunks
- Voice Grade Data Connecting Facility

c. Optional Features

- Improved return loss for effective two-wire transmission at the End User's premises.
- C-Conditioning
- DA-Conditioning
- IC specified End User's premises receive level within a range acceptable to the Telephone Company on effective four-wire transmission.

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OCT 15 1984

BY DE RS 38
PUBLIC SERVICE COMMISSION
OF MISSOURI

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Public Service Commission

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

P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
7th Revised Sheet 39
Replacing 6th Revised Sheet 39

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

1.

2. Transfer Arrangement

An arrangement that affords the customer an additional measure of flexibility in the use of their access channel(s). The arrangement can be utilized to transfer a leg of a Special Access Service to either a spare or working channel that terminates in either the same or a different customer premises. A Key Activated or Dial-Up Control Service is required to operate the transfer arrangement. A spare line, if required, is not included as part of the option.

3. Central Office Multiplexing BSE

a. DS3 to DSI

An arrangement that converts a 44.736 Mbps channel to 28 DSI channels using digital time division multiplexing.

Issued: November 9, 2011

By JOHN SONDAG, President - Missouri
St. Louis, Missouri

Effective: December 9, 2011

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Missouri Public
Service Commission
JI-2012-0208

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

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

1. Automatic Loop Transfer BSE

The Automatic Loop Transfer provides protection on a 1xN basis against failure of the facilities between a customer-designated premises and the wire center serving that premises. Protection is furnished through the use of a switching arrangement that automatically switches to a spare channel when a working channel fails. The spare channel is included as a part of the option. This option requires compatible equipment at both the serving wire center and the customer's premises. The customer is responsible for providing the equipment at his/her premises.

2. Transfer Arrangement

An arrangement that affords the customer an additional measure of flexibility in the use of their access channel(s). The arrangement can be utilized to transfer a leg of a Special Access Service to either a spare or working channel that terminates in either the same or a different customer premises. A Key Activated or Dial-Up Control Service is required to operate the transfer arrangement. A spare line, if required, is not included as part of the option.

3. Central Office Multiplexing BSE

(RT)

|

(RT)

(FC)

a. DS3 to DS1

An arrangement that converts a 44.736 Mbps channel to 28 DS1 channels using digital time division multiplexing.

(RT)

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(RT)

Issued: August 27, 1993

Effective: September 27, 1993

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

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December 9, 2011
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Service Commission
JI-2012-0208

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

Access Services Tariff
Section 7
5th Revised Sheet 39
Replacing 4th Revised Sheet 39

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

(AT) 1. Automatic Loop Transfer BSE

The Automatic Loop Transfer provides protection on a 1xN basis against failure of the facilities between a customer-designated premises and the wire center serving that premises. Protection is furnished through the use of a switching arrangement that automatically switches to a spare channel when a working channel fails. The spare channel is included as a part of the option. This option requires compatible equipment at both the serving wire center and the customer's premises. The customer is responsible for providing the equipment at his/her premises.

2. Transfer Arrangement

An arrangement that affords the customer an additional measure of flexibility in the use of their access channel(s). The arrangement can be utilized to transfer a leg of a Special Access Service to either a spare or working channel that terminates in either the same or a different customer premises. A Key Activated or Dial-Up Control Service is required to operate the transfer arrangement. A spare line, if required, is not included as part of the option.

(AT) 3. Central Office Multiplexing BSE

a. DS4 to DS1

An arrangement that converts a 274.176 Mbps channel to 168 DS1 channels using digital time division multiplexing.

b. DS3 to DS1

(C) An arrangement that converts a 44.736 Mbps channel to 28 DS1 channels using digital time division multiplexing.

c. DS2 to DS1

An arrangement that converts a 6.312 Mbps channel to four DS1 channels using digital time division multiplexing.

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MAR 29 1993

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SEP 25 1993

BY 6th R.S. # 39

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APR FILED 1993

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

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

7.2 Service Descriptions--(Continued)

7.2.8 High Capacity Service--(Continued)

(FC) E. Optional Features and Functions

1. Automatic Loop Transfer

The Automatic Loop Transfer provides protection on a 1xN basis against failure of the facilities between a customer-designated premises and the wire center serving that premises. Protection is furnished through the use of a switching arrangement that automatically switches to a spare channel when a working channel fails. The spare channel is included as a part of the option. This option requires compatible equipment at both the serving wire center and the customer's premises. The customer is responsible for providing the equipment at his/her premises.

2. Transfer Arrangement

An arrangement that affords the customer an additional measure of flexibility in the use of their access channel(s). The arrangement can be utilized to transfer a leg of a Special Access Service to either a spare or working channel that terminates in either the same or a different customer premises. A Key Activated or Dial-Up Control Service is required to operate the transfer arrangement. A spare line, if required, is not included as part of the option.

3. Central Office Multiplexing

a. DS4 to DS1

An arrangement that converts a 274.176 Mbps channel to 168 DS1 channels using digital time division multiplexing.

b. DS3 to DS1

An arrangement that converts a 44.736 Mbps channel to 28 DS1 channels using digital time division multiplexing.

c. DS2 to DS1

An arrangement that converts a 6.312 Mbps channel to four DS1 channels using digital time division multiplexing.

(MT)

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By R. D. BARRON, President-Missouri Division
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Access Services Tariff
Section 7
3rd Revised Sheet 39
Replacing 2nd Revised Sheet 39

ACCESS SERVICES

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- 7. SPECIAL ACCESS SERVICE-(Continued)
- 7.2 Service Descriptions-(Continued)
- 7.2.8 High Capacity Service-(Continued)
- D. Optional Features and Functions-(Continued)

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MAR 26 1990
BY 4th R.S.# 39
Public Service Commission
MISSOURI

3. Central Office Multiplexing

a. DS4 to DS1

An arrangement that converts a 274.176 Mbps channel to 168 DS1 channels using digital time division multiplexing.

b. DS3 to DS1

An arrangement that covers a 44.736 Mbps channel to 28 DS1 channels using digital time division multiplexing.

c. DS2 to DS1

An arrangement that converts a 6.312 Mbps channel to four DS1 channels using digital time division multiplexing.

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.

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

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Replacing 1st Revised Sheet 39

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7. SPECIAL ACCESS SERVICE-(Continued)

OCT 13 1987

7.2 Service Descriptions-(Continued)

7.2.8 High Capacity Service-(Continued)

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D. Optional Features and Functions-(Continued)

OCT 1 1987

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3. Central Office Multiplexing

a. DS4 to DS1

An arrangement that converts a 274.176 Mbps channel to 168 DS1 channels using digital time division multiplexing.

b. DS3 to DS1

An arrangement that converts a 44.736 Mbps channel to 28 DS1 channels using digital time division multiplexing.

c. DS2 to DS1

An arrangement that converts a 6.312 Mbps channel to four DS1 channels using digital time division multiplexing.

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 Digital Data, Program Audio, Metallic Service or WATS Access Lines.

(AT)

f. DS1 to DS0

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

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By R. D. BARRON, President-Missouri Division
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Access Services Tariff
Section 7
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Replacing Original Sheet 39

(CP)ACCESS SERVICES

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JUN 27 1986
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Public Service Commission

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

a. DS4 to DS1

An arrangement that converts a 274.176 Mbps channel to 168 DS1 channels using digital time division multiplexing.

b. DS3 to DS1

An arrangement that converts a 44.736 Mbps channel to 28 DS1 channels using digital time division multiplexing.

c. DS2 to DS1

An arrangement that converts a 6.312 Mbps channel to DS1 channels using digital time division multiplexing.

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 Digital Data, Program Audio or Metallic Service.

f. DS1 to DSO

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

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OCT 16 1987
Bureau #39
Public Service Commission
MISSOURI

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JUL 1 1986
86-84
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Effective: JUL 1 1986

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

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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)

B. Voice Grade Services-(Continued)

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

c. Optional Features-(Continued)

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

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

- Echo Control

Echo Control, identified as Equal Level Echo Path Loss at four-wire interfaces or Return Loss at two-wire interfaces, for both 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: 1986

BY J.R.S.39
PUBLIC SERVICE COMMISSION
OF MISSOURI

JAN 1 1984

83 - 253

Public Service Commission

(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.

Issued: DEC 29 1983

Effective: JAN 0 1 1984

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

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)

b. 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.

c. DS1 to DSO

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

d. DSO to Subrate(1)

(CP)

An arrangement that converts a 64.0 kbps channel to subspeeds of up to twenty 2.4 kbps, ten 4.8 kbps or .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.

- (1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

(AT)
|
(AT)

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)

b. 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.

(RT)

c. DS1 to DSO

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

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 .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.

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

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)

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|

(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.

Issued: August 27, 1993

Effective: September 27, 1993

CANCELED
August 18, 2012
Missouri Public
Service Commission
JI-2013-0048

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
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. 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.

(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 (BBZS) 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
BY 5th R.S. #40
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MISSOURI

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APR FILED 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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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)

NOV 11 1992

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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OCT - 5 1992

Effective: ~~NOV - 5 1992~~ **DEC - 4 1992**

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

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Access Services Tariff
Section 7
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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)

Public Service Commission

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

(MT)
(AT)

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.

(AT)

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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 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.

Issued: August 26, 1994

Effective: September 26, 1994

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

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

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

Access Services Tariff
Section 7
2nd Revised Sheet 41.01
Replacing 1st Revised Sheet 41.01

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

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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

(AT)

DovLink Service listed in Paragraph 7.2, preceding.

Issued: October 5, 1992

Effective: December 4, 1992

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

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August 18, 2012
Missouri Public
Service Commission
JI-2013-0048

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 through
 2nd Revised Sheet 67

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(MT)

7. SPECIAL ACCESS SERVICE-(Continued)

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

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

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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)

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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JUL 1 1986

BY 126 R.S. 40
PUBLIC SERVICE COMMISSION

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Public Service Commission

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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
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2nd Revised Sheet 40.01
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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
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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.8 High Capacity Service-(Continued)

E. Optional Features and Functions-(Continued)

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(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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Access Services Tariff
Section 7
Original Sheet 40.01

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7. SPECIAL ACCESS SERVICE--(Continued)

FEB 20 1990

7.2 Service Descriptions--(Continued)

MISSOURI

7.2.8 High Capacity Service--(Continued)

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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) Transfer Arrangement	X					
Clear Channel Capability		X				

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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
Southwestern Bell Telephone Company
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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>	
Transfer Central Office Multiplexing:		X		
DS3 to DS1			X	
DSI to Voice		X		
DSI to DSO		X		
DSO to Subrate(1)(3)		X		(CP)
Transfer Arrangement Clear Channel Capability		X		
Extended Superframe Format		X		
Power Over the Interface(2)		X		

- (1) Available only on a channel of a 1.544 Mbps facility to a Telephone Company Hub or on a DS0 channel that connects to a customer's Network Reconfiguration Service (NRS) Network that contains a DS1 channel.
- (2) Obsolete, and limited to existing installations at existing locations, for existing customers.
- (3) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. (AT)
In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024. (AT)

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>
(RT)	Transfer Central Office Multiplexing:		X	
	DS3 to DS1			X
	DSI to Voice		X	
	DSI 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	

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

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

Access Services Tariff
Section 7
5th Revised Sheet 41
Replacing 4th Revised Sheet 41

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, 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	
(RT) DS0 to Subrate(1) Transfer Arrangement	X		
Clear Channel Capability		X	
Extended Superframe Format		X	
Power Over the Interface		X	

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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)

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

(AT)

	<u>Available with Technical Specifications Package HC-</u>					
	<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				
Extended Superframe Format		X				
Power Over the Interface		X				

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

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7.2 Service Descriptions--(Continued)

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7.2.8 High Capacity Service--(Continued)

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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) Transfer Arrangement	X					
Clear Channel Capability		X				
Extended Superframe Format		X				
Power Over the Interface		X				

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(AT)

(AT)

(MT)

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Section 7

2nd Revised Sheet 41

Replacing 1st Revised Sheet 41

Original Sheet 41.01

1st Revised Sheet 42

2nd Revised Sheet 43

1st Revised Sheet 44

1st Revised Sheet 45

1st Revised Sheet 46

2nd Revised Sheet 47

Public 2nd Revised Sheet 48

1st Revised Sheet 49 through

1st Revised Sheet 54

2nd Revised Sheet 55 through

2nd Revised Sheet 57

4th Revised Sheet 58

1st Revised Sheet 59 through

1st Revised Sheet 61

Original Sheet 62

1st Revised Sheet 63

2nd Revised Sheet 64 through

2nd Revised Sheet 67

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(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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(CP)ACCESS SERVICES

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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)

CANCELLED OCT 1 1989

7.3.1 Glossary of Channel Interface Codes and Options

Code	Option	Definition
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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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.

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By R. D. BARRON, Vice President-Missouri
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P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
3rd Revised Sheet 41.1
Replacing 2nd Revised Sheet 41.1

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

(RT)

7.2 Service Descriptions-(Continued)

(RT)

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St. Louis, Missouri

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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)

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<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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Southwestern Bell Telephone
Company d/b/a AT&T Missouri

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ACCESS SERVICES

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) 7.2.9 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.

(AT)

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By A. D. ROBERTSON, Assistant Vice President-External Affairs
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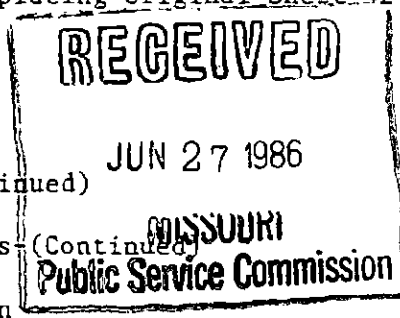
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(CP)ACCESS SERVICES

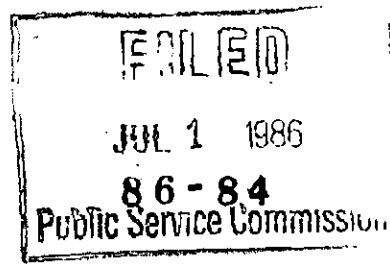
7. SPECIAL ACCESS SERVICE-(Continued)

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>
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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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)

- 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 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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By R. D. BARRON, Vice President-Missouri
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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

(RT)

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7. SPECIAL ACCESS SERVICE--(Continued)

7.2 Service Descriptions--(Continued)

(AT) 7.2.10 Business Video Service

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 (DSL) 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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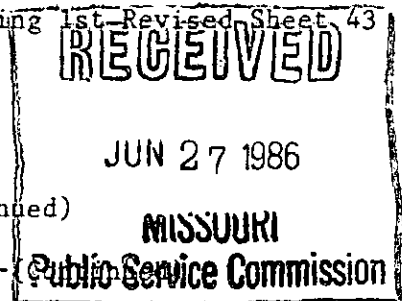
By A. D. ROBERTSON, Assistant Vice President-External Affairs
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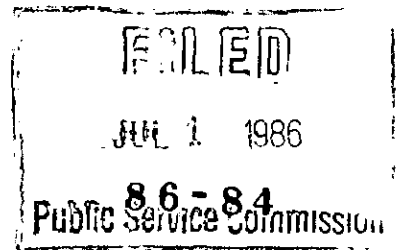


7. SPECIAL ACCESS SERVICE-(Continued)

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>
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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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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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.

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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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Access Services Tariff
Section 7
3rd Revised Sheet 44
Replacing 2nd Revised Sheet 44

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

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By KAREN E. JENNINGS, President-Missouri
Southwestern Bell Telephone Company
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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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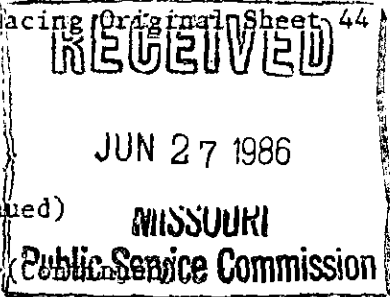
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By A. D. ROBERTSON, Assistant Vice President-External Affairs
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Access Services Tariff
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1st Revised Sheet 44
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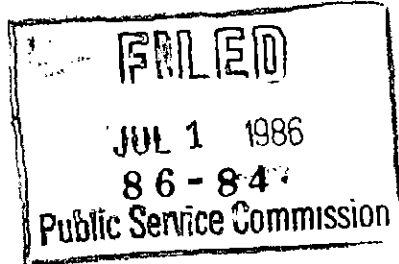
ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Channel Interface and Network Channel Codes-(Continued)

7.3.1 Glossary of Channel Interface Codes and Options-

<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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Access Services Tariff
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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)

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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Access Services Tariff

Section 7

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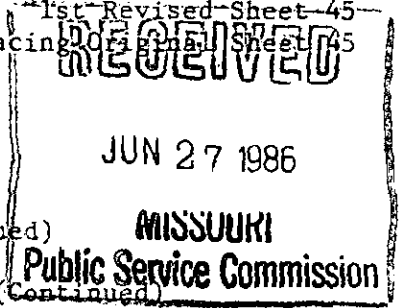
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By A. D. ROBERTSON, Assistant Vice President-External Affairs
Southwestern Bell Telephone Company
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Access Services Tariff
Section 7

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Replacing ~~Original Sheet 45~~



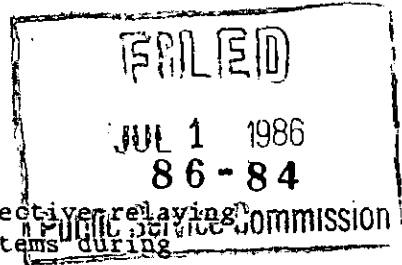
(CP)ACCESS SERVICES

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>
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



(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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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)

- 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	10 dB
SRL	2.5 dB	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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Access Services Tariff
Section 7
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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)

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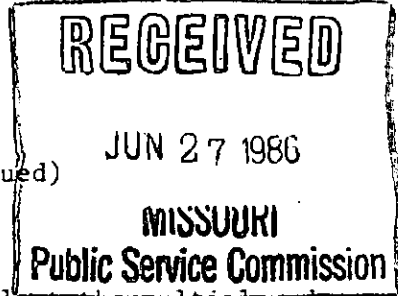
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Access Services Tariff
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7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Channel Interface and Network Channel Codes-(Continued)

7.3.3 Digital Hierarchy Channel Interface Codes (4DS)

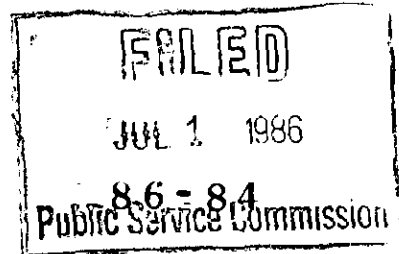
This interface is available to customers that select the multiplexed four-wire DSX-1 or higher facility interface option at the customer-designated premises and provide subsequent system and channel assignment data. The various digital bit rates in the digital hierarchy employ the channel interface code 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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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.

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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)

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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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)

<u>Service Designator Code</u>	<u>Network Channel Code</u>
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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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)

<u>Service Designator Code</u>	<u>Network Channel Code</u>
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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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

- 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		Improved RL	
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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7. SPECIAL ACCESS SERVICE-(Continued)

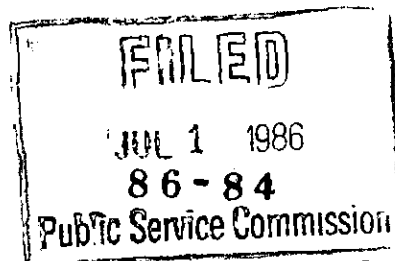
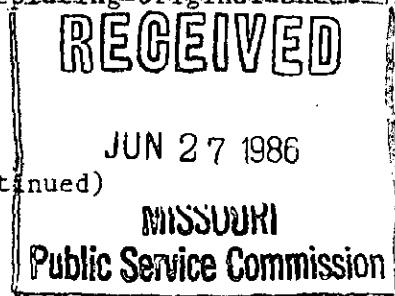
7.3 Channel Interface and Network Channel Codes-(Continued)

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



* 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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7. SPECIAL ACCESS SERVICE-(Continued)

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 dB_{rnCO} 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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BY J. S. 49
PUBLIC SERVICE COMMISSION
OF MISSOURI

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Public Service Commission

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By R. D. BARRON, Vice President-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 50
Replacing Original Sheet 50

(CP)ACCESS SERVICES

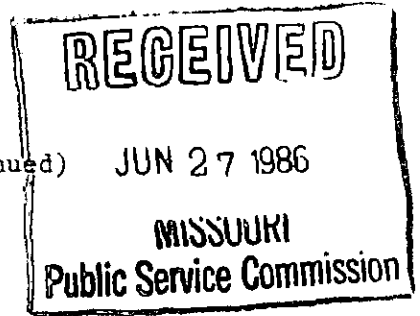
7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Channel Interface and Network Channel Codes-(Continued)

JUN 27 1986

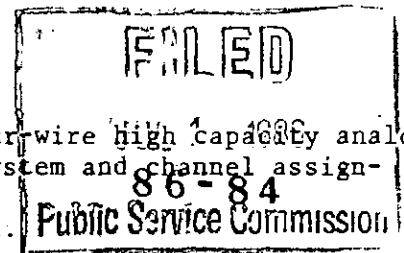
7.3.5 Compatible Channel Interfaces-(Continued)

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, 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.
 + Supplemental channel assignment information required.
 ++ Available to existing customers only.



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Access Services Tariff

Section 7
Original Sheet (50)

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)

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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PUBLIC SERVICE COMMISSION
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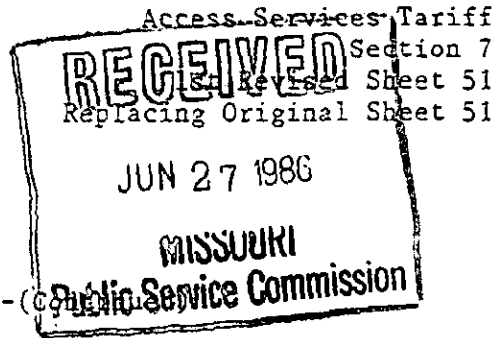
Public Service Commission

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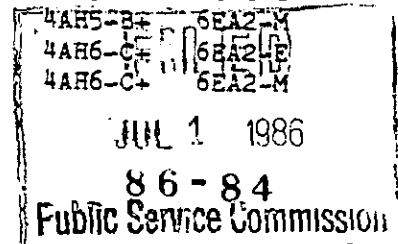
7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Channel Interface and Network Channel Codes-(Continued)

7.3.5 Compatible Channel Interfaces-(Continued)

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		
4AH6-D+	4AC2	4AH5-B+	4DE2	4AH5-B+	6EA2-M
4AH6-D+	4AC2R	4AH6-C+	4DE2	4AH6-C+	6EA2-E
				4AH6-C+	6EA2-M



+ 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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Southwestern Bell Telephone Company
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Access Services Tariff
Section 7

Original Sheet 51
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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)

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	Improved RL
ERL 15 dB	ERL 20 dB
SRL 2.5 dB	SRL 13.5 dB

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JAN 1 1984
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]
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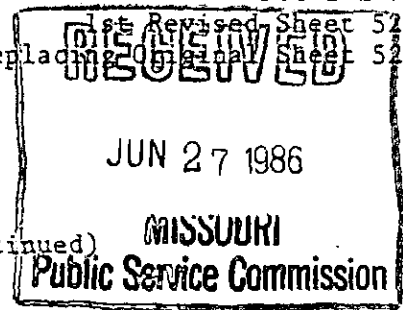
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By R. D. BARRON, Vice President-Missouri
Southwestern Bell Telephone Company
St. Louis, Missouri

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

Access Services Tariff
Section 7

1st Revised Sheet 52
Replacing 206 1st Sheet 52



(CP)ACCESS SERVICES

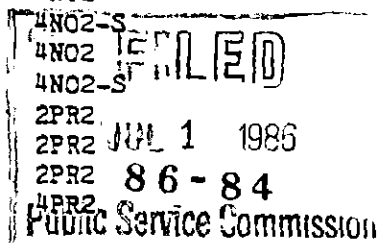
7. SPECIAL ACCESS SERVICE-(Continued)

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
		4AH6-D+	2LA2	4AH6-D+	2LS3
				4AH6-D+	2LS3-M
		4AH5-B+	2LB2	4AH5-B+	4LS2
		4AH6-C+	2LB2	4AH5-C+	4LS2
		4AH6-D+	2LB2	4AH6-D+	4LS2
				4AH5-B+	2NO2
4AH5-B+	2G03	4AH5-B+	2LC2	4AH6-C+	2NO2
4AH6-C+	2G03	4AH6-C+	2LC2	4AH6-D+	2NO2
4AH6-D+	2G03	4AH6-D+	2LC2	4AH5-B+	4NO2
				4AH5-B+	4NO2-S
4AH5-B+	2GS2	4AH5-B+	2L03	4AH6-C+	4NO2
4AH5-B+	2GS2-M	4AH6-C+	2L03	4AH6-C+	4NO2-S
4AH5-B+	2GS3	4AH6-D+	2L03	4AH6-D+	4NO2-S
4AH5-B+	2GS3-C			4AH6-D+	4NO2-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+	2PR2



+ 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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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 52

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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)

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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BY at R.S. 52
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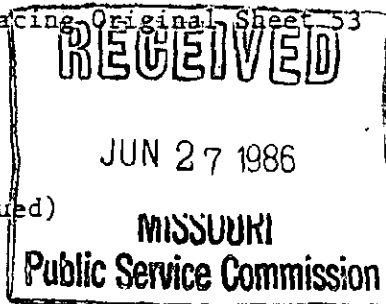
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Southwestern Bell Telephone Company
St. Louis, Missouri

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Access Services Tariff
Section 7
1st Revised Sheet 53

Replacing Original Sheet 53



(CP)ACCESS SERVICES

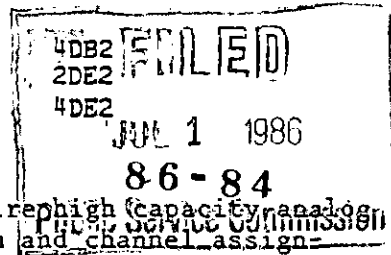
7. SPECIAL ACCESS SERVICE-(Continued)

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	2N02
4AH6-D+	4PR2			4DB2	2N02
		2CT3	8EC2	4DB2	4N02
4AH5-B+	2RV2-T			4DB2	4N02-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-*	4DS9-*
2CT3	6EB2-M			4DS9-*	4DS9-*
2CT3	8EB2-E	4DB2	4DB2	4DS9-*	4DS9-*



+ 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)

MISSOURI
Public Service Commission

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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BY 1st R.S. 53
PUBLIC SERVICE COMMISSION
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Access Services Tariff
Section 7
1st Revised Sheet 54
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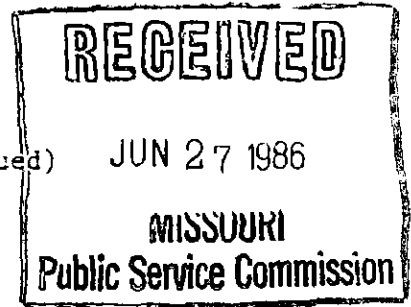
(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

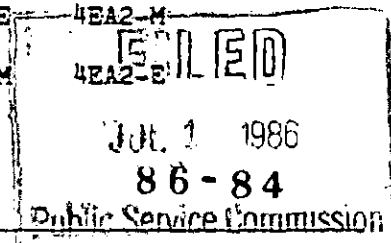
7.3 Channel Interface and Network Channel Codes-(Continued)

7.3.5 Compatible Channel Interfaces-(Continued)

C. Voice Grade-(Continued)



<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
4DS9-*	4DX2	4DS9-*	2LO3	4DX2	6EA2-E
4DS9-*	4DY2	4DS9-*	2LR2	4DX2	6EA2-M
		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-*	2GO3	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 (a)

ACCESS SERVICES

DEC 29 1983

7. SPECIAL ACCESS SERVICE-(Continued)

MISSOURI
Public Service Commission

7.2 Technical Service Descriptions for Special Access Service

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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BY 12 R S 54
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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 55
Replacing ~~1st Revised Sheet 55~~



(CP)ACCESS SERVICES

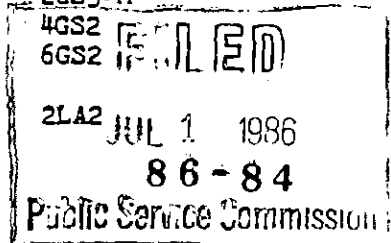
7. SPECIAL ACCESS SERVICE-(Continued)

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			8EC2	4EA2-E
4EA2-M	6EB2-M			8EC2	4EA2-M
4EA2-E	8EB2-E	8EB2-E	4EA2-E	8EC2	6EA2-E
4EA2-E	8EB2-M	8EB2-E	4EA2-M	8EC2	6EA2-M
4EA2-M	8EB2-E	8EB2-M	4EA2-E		
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	2G02
6EA2-M	8EB2-M	8EB2-M	6EB2-M	6EX2-B	2G03
		8EB2-E	8EB2-E		
		8EB2-E	8EB2-M	6EX2-A	2GS2
		8EB2-M	8EB2-M	6EX2-A	2GS2-M
		8EB2-M	8EB2-M	6EX2-A	2GS3
6EA2-E	2LS2			6EX2-A	2GS3-C
6EA2-M	2LS2	8EB2-E	2LS2	6EX2-A	2GS3-M
		8EB2-M	2LS2	6EX2-A	
6EA2-E	2RV2-T			6EX2-A	
6EA2-M	2RV2-T	8EB2-E	2RV2-T	6EX2-A	
6EA2-E	4RV2-T	8EB2-M	2RV2-T		
6EA2-M	4RV2-T	8EB2-E	4RV2-T	6EX2-B	



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 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.

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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								

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BY *[Signature]* R.S. 55
PUBLIC SERVICE COMMISSION
OF MISSOURI

FILED
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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.

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 55

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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

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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BY 1st RS 55
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 tariff will be issued except for the purpose of canceling this tariff.

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

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

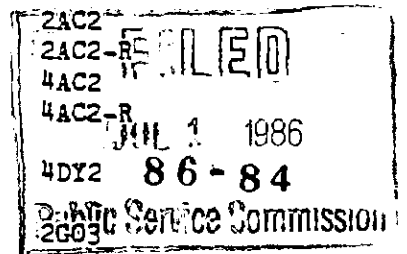
7.3 Channel Interface and Network Channel Codes-(Continued)

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	4RV2-O	2RV2-T
		4LS2	2LC2	4RV2-O	4RV2-T
4GS2	2GO2				
4GS2	2GO3	4LS2	2LO2		
		4LS2	2LO3	4SF2	
2GS2	2LO2			4SF2	
2GS2	4LO2	2NO2	2DA2	4SF2	
2GS3-C	2LO2	2NO2	4DA2	4SF2	
2GS3-C	4LO2	2NO2	4DA2-S		
4GS2	2LO2	2NO2	6DA2	4SF2	
4GS2	4LO2	2NO2	6DA2-S	4SF2	



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 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)

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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.

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OCT 15 1984
Public Service Commission

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 56
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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
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 PS 56
PUBLIC SERVICE COMMISSION
OF MISSOURI

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JAN - 1 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.

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 57
Replacing 1st Revised Sheet 57

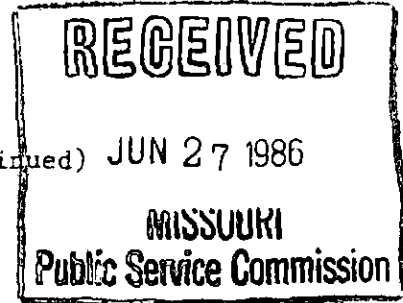
(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Channel Interface and Network Channel Codes-(Continued)

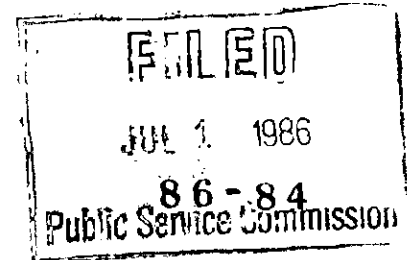
7.3.5 Compatible Channel Interfaces-(Continued)

C. Voice Grade-(Continued)



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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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 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)

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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										

CANCELLED

 JUL 1 1986

 BY *R.S. 57*
 PUBLIC SERVICE COMMISSION
 OF MISSOURI

(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.

FILED

 OCT 15 1984

 Public Service Commission

Issued: **AUG 15 1984**

Effective: **OCT 15 1984**

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

DEC 29 1983
Missouri
Public Service Commission

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						

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

JAN 1 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.

Issued: DEC 29 1983

Effective: JAN 01 1984

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

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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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7. SPECIAL ACCESS SERVICE--(Continued)

MISSOURI

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

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

FILED

FEB 1 1988

Public Service Commissioner

Issued: OCT 23 1987

Effective: FEB 1 1988

FEB 1 1988

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
3rd Revised Sheet 58
Replacing 2nd Revised Sheet 58

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

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7.3 Channel Interface and Network Channel Codes-(Continued)

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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)

CANCELLED

FEB 1 1988

BY *401 A.S. #158*
Public Service Commission
MISSOURI

FILED

OCT 16 1987

TO 87-42
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 tariff will be issued except for the purpose of canceling this tariff.

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)

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Public Service Commission

(RT)

CANCELLED
OCT 16 1987
BY 3rd P.S.#58
Public Service Commission
MISSOURI

FILED
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86-84
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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 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)

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Public Service Commission

	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						X						
	4AH6-C(1)	2LO3		X					X						
	4AH6-C(1)	2LO2	X						X						
	4AH5-B(1)	2LO3		X					X						
	4AH5-B(1)	2LO2	X						X						
	4AH6-D(1)	4LR2		X					X						
	4AH6-D(1)	2LR2		X					X						
	4AH6-C(1)	4LR2		X					X						
	4AH6-C(1)	2LR2		X					X						
	4AH5-B(1)	4LR2		X					X						
	4AH5-B(1)	2LR2		X					X						

CANCELLED

JUL 1 1986

BY *[Signature]* LS.58
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.
- (2) This facility interface combination is applicable with Centrex C.O. Service only.

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OCT 15 1984
Public Service Commission

Issued: AUG 15 1984

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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
Original Sheet 58

ACCESS SERVICES

DEC 29 1983

MISSOURI
Public Service Commission

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-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											

CANCELLED

OCT 15 1984
BY *10/RS 58*
PUBLIC SERVICE COMMISSION
OF MISSOURI

JAN - 1 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.

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
1st Revised Sheet 59
Replacing Original Sheet 59

ACCESS SERVICES

RECEIVED
 AUG 1 1984
 MISSOURI
 Public Service Commission

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				X						

(RT)

(RT)

(RT)

(RT)

CANCELLED

JUL 1 1986

BY *J.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.

FILED
 OCT 15 1984
 Public Service Commission

Issued: **AUG 15 1984**

Effective: **OCT 15 1984** 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
Original Sheet 59
30121710

ACCESS SERVICES

DEC 20 1983

MISSOURI
Public Service Commission

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)	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 *RS 59*
PUBLIC SERVICE COMMISSION
OF MISSOURI

JAN 1 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.

Issued: DEC 29 1983

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

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

Access Services Tariff
Section 7
1st Revised Sheet 60
Replacing Original Sheet 60

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AUG 1 1984
MISSOURI
Public Service Commission

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	
(RT)																
(RT)																
(AT)	4DB2	2DA2					X									
(AT)	4DB2	4DA2					X	X				X				
(AT)	2DB2(2)	2DA2					X	X								
(AT)	4DB2	6DA2						X				X				
(AT)	2DB2	2NO2					X									
(AT)	4DB2	4NO2						X								
(AT)	4DB2	2NO2					X									
(CT)	4DD3	4DE2					X									
(CT)	4DD3	2DE2					X									
	4DS9(1)	4AC2		X												
	4DS9(1)	2AC2		X												
(AT)	4DS9(1)	6DA2						X				X				
(AT)	4DS9(1)	4DA2					X	X								
(AT)	4DS9(1)	2DA2					X									
(AT)	4DS9(1)	4DE2					X									
(AT)	4DS9(1)	2DE2					X									
	4DS9(1)	4DX2													X	

CANCELLED

JUL 1 1986

BY *gms R.S.58*
PUBLIC SERVICE COMMISSION
OF MISSOURI

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

FILED
OCT 15 1984
Public Service Commission

Issued: AUG 15 1984

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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 60

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Public Service Commission

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
6DA2	6DA2										X			
6DA2	4DA2										X			
4DA2	6DA2										X			
4DA2	4DA2										X			
-4DB2	6DA2						X				X			
4DB2	4NO2						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			

CANCELLED

OCT 15 1984
BY 1st RS 60
PUBLIC SERVICE COMMISSION
OF MISSOURI

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JAN 1 1984

83-253

Public Service Commission

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

Issued: DEC 29 1983

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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
1st Revised Sheet 61
Replacing Original Sheet 61

ACCESS SERVICES

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MISSOURI
Public Service Commission

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)	8EB 2-E			X				X	X					
4DS9(1)	8EB 2-M			X				X	X	X				
4DS9(1)	6EB 2-E			X				X	X					
4DS9(1)	6EB 2-M			X				X	X					
4DS9(1)	2G02	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				X						

CANCELLED

JUL 1 1986

gms R.S. 58

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

FILED
OCT 15 1984
Public Service Commission

Issued: AUG 15 1984

Effective: OCT 15 1984

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 61

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DEC 29 1983
MISSOURI
PUBLIC SERVICE COMMISSION

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						

CANCELLED
OCT 15 1984
BY 1st RS 61
PUBLIC SERVICE COMMISSION
OF MISSOURI

FILED
JAN - 1 1984
83 - 253
Public Service Commission

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

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

Access Services Tariff
Section 7
Original Sheet 62

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DEC 29 1983

MISSOURI
Public Service Commission

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)	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	

CANCELLED

JUL 1 1986

BY *2nd R.S. 58*
PUBLIC SERVICE COMMISSION

FILED

JAN - 1 1984

83 - 253

MISSOURI PUBLIC SERVICE COMMISSION

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

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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
1st Revised Sheet 63
Replacing Original Sheet 63

(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

RECEIVED

 JUN 27 1986

MISSOURI
Public Service Commission

- (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.

JUN 27 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

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Access Services Tariff
Section 7

Original Sheet 63
DEC 29 1983

DEC 29 1983

MISSOURI

Public Service Commission

ACCESS SERVICES

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						

CANCELLED

JUL 1 1986

BY 12th R.S. 63
PUBLIC SERVICE COMMISSION
OF MISSOURI

JAN 1 1984
83-253
Public Service Commission

Issued: DEC 29 1983

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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 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

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Public Service Commission

Compatible CI's		Compatible CI's	
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		

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JUL 1 1986
86-84
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(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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By R. D. BARRON, President-Missouri Division
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Access Services Tariff
Section 7
1st Revised Sheet 64
Replacing Original Sheet 64

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)

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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					

(RT)
(RT)

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JUL 1 1986
BY *RS. 64*
PUBLIC SERVICE COMMISSION
OF MISSOURI

FILED
OCT 15 1984
Public Service Commission

Issued: AUG 15 1984

Effective: OCT 15 1984

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 64

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Public Service Commission

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	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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OCT 15 1984
BY 1st PS 64
PUBLIC SERVICE COMMISSION
OF MISSOURI

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JAN - 1 1984
83 - 253
Public Service Commission

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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 65
Replacing 1st Revised Sheet 65

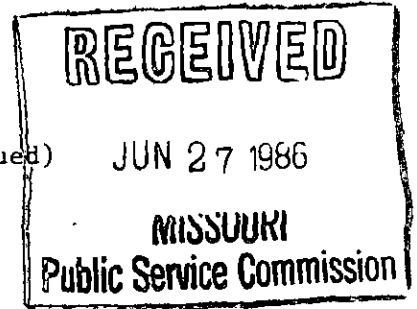
(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

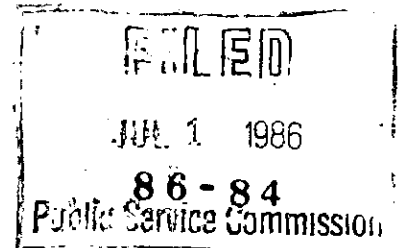
7.3 Channel Interface and Network Channel Codes-(Continued)

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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Southwestern Bell Telephone Company
St. Louis, Missouri

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Access Services Tariff
Section 7
1st Revised Sheet 65
Replacing Original Sheet 65

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)

AUG 15 1984

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
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						

CANCELLED

JUL 1 1986
BY 2nd R.S. 65
PUBLIC SERVICE COMMISSION
OF MISSOURI

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OCT 15 1984
Public Service Commission

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Effective: OCT 15 1984

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

Access Services Tariff
 Section 7
 Original Sheet 65

ACCESS SERVICES

DEC 20 1983

MISSOURI

Public Service Commission

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	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						

CANCELLED

OCT 15 1984
 BY 1st RS 65
 PUBLIC SERVICE COMMISSION
 OF MISSOURI

JAN 1 1984
 83 - 253
 Public Service Commission

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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 66
Replacing 1st Revised Sheet 66

(CP)ACCESS SERVICES

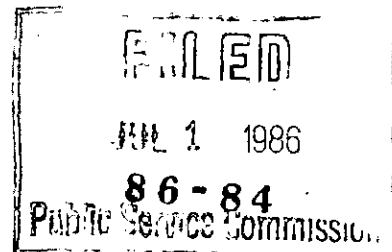
7. SPECIAL ACCESS SERVICE-(Continued)

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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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 66
Replacing Original Sheet 66

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)

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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					

(RT)

CANCELLED

JUL 1 1986

BY *[Signature]* R.S. 66
PUBLIC SERVICE COMMISSION
OF MISSOURI

FILED
OCT 15 1984
Public Service Commission

Issued: AUG 15 1984

Effective: OCT 15 1984

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 66

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Public Service Commission

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)

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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OCT 15 1984
BY *lat RS lb*
PUBLIC SERVICE COMMISSION
OF MISSOURI

JAN 1 1984
83-253

Issued: DEC 29 1983

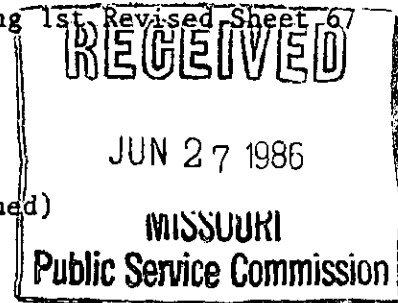
Effective: JAN 01 1984

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

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

Access Services Tariff
Section 7
2nd Revised Sheet 67

Replacing 1st Revised Sheet 67



(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

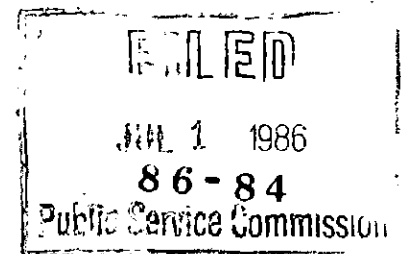
7.3 Channel Interface and Network Channel Codes-(Continued)

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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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
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)

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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					

CANCELLED

BY gms R.S.67
JUL 1 1984
PUBLIC SERVICE COMMISSION
OF MISSOURI

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OCT 15 1984
Public Service Commission

Issued: **AUG 15 1984**

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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 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	X					
8EC2	6DY2			X				X	X					
8EC2	4DY2			X				X	X					
8EC2	2DY2			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	8EB2-E			X				X	X					
8EC2	8EB2-M			X				X	X					

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DEC 20 1983
Missouri
Public Service Commission

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OCT 15 1984
1st RS 67
BY PUBLIC SERVICE COMMISSION OF MISSOURI

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JAN 1 1984
83-253
Public Service Commission

Issued: DEC 29 1983

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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

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

Issued: March 26, 1993

Effective: April 11, 1993

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

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

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

Access Services Tariff
Section 7
4th Revised Sheet 68
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

CANCELLED
APR 11 1993
BY St. Louis #68
Public Service Commission
MISSOURI

FILED

SEP 30 1991

Issued: AUG 0 9 1991

Effective: ~~SEP 1 9 1991~~ Public Service Commission

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

(AT)

(AT)

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

Access Services Tariff
Section 7
3rd Revised Sheet 68
Replacing 2nd Revised Sheet 68

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

SEP 25 1989

(FC) 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

(FC) 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.

(FC)

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SEP 30 1991

BY 4th R.S. # 68

Public Service Commission
MISSOURI

FILED

OCT 1 1989

Issued: SEP 25 1989

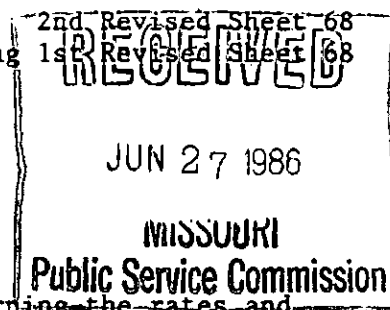
Effective: OCT 1 1989 Public Service Commission

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

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.

CANCELLED
OCT 1 1989
BY *3rd R.S.#68*
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

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

Access Services Tariff
Section 7
1st Revised Sheet 68
Replacing Original Sheet 68

ACCESS SERVICES

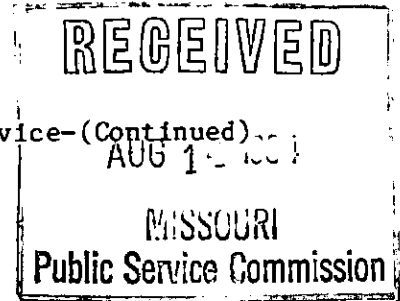
7. SPECIAL ACCESS SERVICE-(Continued)

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)

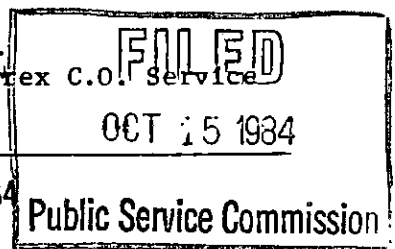


FI Combinations		Voice Grade Service (VG)												
IC	End User	1	2	3	4	5	6	7	8	9	10	11	12	13
8EC2	6EB 2-E			X				X	X					
8EC2	6EB 2-M			X				X	X					
(AT)	6EX2-A				X			X						
(RT)	6EX2-A				X			X						
	6EX2-A		X		X			X						
(AT)	6EX2-A				X			X						
	6EX2-B			X				X						
	6EX2-B			X				X		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

CANCELLED

JUL 1 1986

BY *[Signature]* R.S. 68
PUBLIC SERVICE COMMISSION
OF MISSOURI



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

Issued: AUG 15 1984

Effective: OCT 15 1984

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 68

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DEC 29 1983

Public Service Commission

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					
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						

CANCELLED

OCT 15 1984
BY *1st RS 68*
PUBLIC SERVICE COMMISSION
OF MISSOURI

RECEIVED

JAN 1 1984
83 - 253

Public Service Commission

Issued: DEC 29 1983

Effective: JAN 01 1984

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

P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
9th Revised Sheet 69
Replacing 8th Revised Sheet 69

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)

2. Installation of Optional Features, BSEs and Functions

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.

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

- Voice Grade(1) Data Capability (CP)
- Voice Grade(1) Improved Attenuation Distortion |
- Voice Grade(1) Improved Echo Control (CP)
- High Capacity Clear Channel Capability

- MegaLink Data(1) Loop Transfer Arrangement (CP)
- MegaLink Data(1) Secondary Channel (CP)

- 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:

- (1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024. (AT)

Issued: May 28, 2021

By CRAIG UNRUH, President - Missouri
St. Louis, Missouri

Effective: June 30, 2021

FILED
Missouri Public
Service Commission
JI-2021-0210

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

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)

2. Installation of Optional Features, BSEs and Functions

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.

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

(RT)

- MegaLink Data Loop Transfer Arrangement
- MegaLink Data Secondary Channel

- 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:

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)

2. Installation of Optional Features, BSEs and Functions

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.

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

(RT)

- 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:

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

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:

Issued: March 26, 1993

Effective: April 11, 1993

CANCELLED
December 9, 2011
Missouri Public
Service Commission
JI-2012-0208

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
5th Revised Sheet 69
Replacing 4th Revised Sheet 69

ACCESS SERVICES

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AUG 9 1991

MISSOURI
Public Service Commission

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

CANCELLED
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.

FILED

SEP 30 1991

These administrative changes are as follows:

Issued: AUG 09 1991

Effective: ~~SEP 09 1991~~ Public Service Commission

SEP 30 1991

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

(AT)
(AT)

(AT)
|
(AT)

(FC)

(C)

(AT)
(RT)
|
(RT)
(AT)

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

Access Services Tariff
Section 7
4th Revised Sheet 69
Replacing 3rd Revised Sheet 69

ACCESS SERVICES

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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)

MISSOURI
Public Service Commission

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

CANCELLED

3. Service Rearrangements

SEP 30 1991

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.

BY S.M.R.S. 69
Public Service Commission

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:

Issued: FEB 22 1990

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

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

Access Services Tariff
Section 7
3rd Revised Sheet 69
Replacing 2nd Revised Sheet 69

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE--(Continued)

SEP 25 1989

(FC) 7.3 Rate Regulations--(Continued)

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

MISSOURI
Public Service Commission

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
- Wideband Data Transfer Arrangement

CANCELLED

MAR 26 1990

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:

FILED

OCT 1 1989
89-14

Issued: SEP 25 1989

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

CANCELLED

OCT 1 1989
BY *[Signature]* R.S.#169
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 5.2.5 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:

JUL 1 1986
86-84
Public Service Commission

Issued: JUN 27 1986

Effective: JUL 7 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
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)

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AUG 1 1984
MISSOURI
Public Service Commission

	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						

CANCELLED
JUL 1 1986

BY *J. R. S. 69*
PUBLIC SERVICE COMMISSION

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

FILED
AUG 1 1984
Public Service Commission

Issued: **AUG 15 1984** Effective: **OCT 15 1984**

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 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 01 1984

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

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(1) circuits on BAN), (CP)
- Change of customer Circuit Identification (CKR).

- (1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024. (AT)

No Supplement to this tariff will be issued except for the purpose 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)

- (CT) -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,

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

(AT) 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),
- (AT) -Change of customer Circuit Identification (CKR).
- (MT)

Issued: August 9, 1991

Effective: September 9, 1991

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

Access Services Tariff
Section 7
2nd Revised Sheet 69.01
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

MISSOURI
Public Service Commission

CANCELLED

SEP 19 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)

Issued: JUN 04 1991

Effective: AUG 05 1991

FILED

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

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
1st Revised Sheet 69.01
Replacing Original Sheet 69.01

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

RECEIVED

(FC) 7.3 Rate Regulations-(Continued)

CANCELLED

SEP 25 1989

(FC) 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 Communicatons),
- 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.

FILED

Issued: SEP 25 1989

Effective: OCT 1 1989
OCT 18 1989 14

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.

(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)

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 PKRS #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.

FILED
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

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

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

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

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

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

AUG 26 1994

7.3 Rate Regulations-(Continued)

7.3.1 Types of Rates and Charges-(Continued)

MO. PUBLIC SERVICE COMM.

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

CANCELLED

FEB 02 2003
3rd RS 69.02
Public Service Commission
MISSOURI

(AT)

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

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

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)

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MAR 29 1993

MISSOURI
Public Service Commission

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, 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)

CANCELLED
SEP 26 1994
BY 212 R.S.#69-02
Public Service Commission
MISSOURI

Issued: MAR 26 1993

Effective:

FILED
APR 11 1993

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

APR 11 1993
92-306
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
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)

CANCELLED

APR 11 1993

BY *lath S #6902*

Public Service Commission
MISSOURI

MISSOURI
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

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

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

Access Services Tariff
Section 7
3rd Revised Sheet 70
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.

CANCELLED **RECEIVED**
MAR 18 1991 SEP 25 1989
BY 4th RS # 70
Public Service Commission MISSOURI
Public Service Commission MISSOURI

FILED

Issued: SEP 25 1989

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 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.

CANCELLED

OCT 1 1989

BY 34 R.S.#70
Public Service Commission
MISSOURI

RECEIVED

JUN 27 1986

MISSOURI
Public Service Commission

JUN 27 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
1st Revised Sheet 70
Replacing Original Sheet 70

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)

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AUG 16 1984
MISSOURI
Public Service Commission

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				X			
4N02	2DA2					X								
2N02	2DA2					X								
4N02	4N02	X	X			X	X	X		X				
4N02	2N02	X	X			X		X						
2N02	2N02	X				X								
2N03	2N02	X												
4RV2-0	4RV2-T				X				X					
4RV2-0	2RV2-T				X				X					
4SF2	4AC2	X												
4SF2	2AC2	X												

(AT)
(CT)
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(RT)

(RT)

CANCELLED

JUL 1 1986

BY *[Signature]* R.S.70
PUBLIC SERVICE COMMISSION
OF MISSOURI

FILED
OCT 15 1984
Public Service Commission

Issued: **AUG 15 1984**

Effective: **OCT 15 1984**

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 70

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DEC 29 1983
MISSOURI
Public Service Commission

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
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
Public Service Commission

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
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

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

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

RECEIVED

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

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

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rate Regulations-(Continued)

7.4.2 Surcharge for Special Access Service-(Continued)

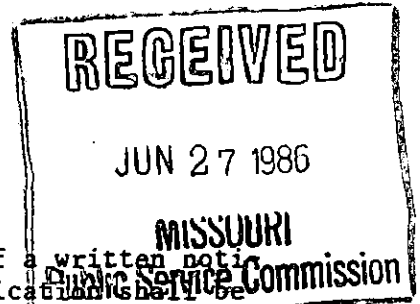
B. Exemption Certification-(Continued)

- 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.



CANCELLED
OCT 1 1989
BY *(initials)* P.S.#70.01
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

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)

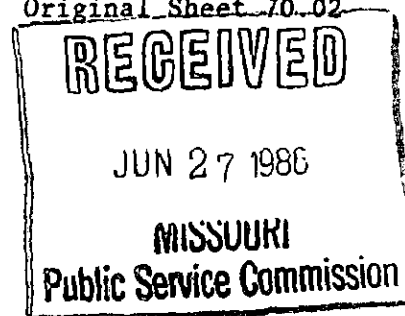
Issued: September 25, 1989 Effective: October 1, 1989
By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

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

RECEIVED
JUN 27 1986
MISSOURI
Public Service Commission
CANCELLED
JUN 1 1989
BY [Signature] R.S.#70.02
Public Service Commission

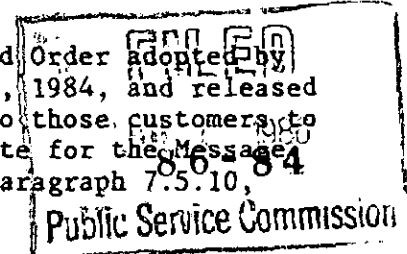
In the case of multipoint special access facilities, one Special Access Surcharge will apply for each termination of a special access channel at an end user's premises.

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

P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
6th Revised Sheet 71
Replacing 5th Revised Sheet 71

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Rate Regulations-(Continued)

7.3.4 Minimum Periods

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(1)/MegaLink Data(1) to 1.544 Mbps High Capacity (DS1) (CP)
- 1.544 Mbps High Capacity (DS1) to 1.544 High Capacity (DS1)
- 1.544 Mbps High Capacity (DS1) to MegaLink Custom (DS3)

- (1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024. (AT)

No Supplement to this tariff will be issued except for the purpose 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)

Issued: September 22, 1994 Effective: October 1, 1994

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

CANCELLED
June 30, 2021
Missouri Public
Service Commission
JI-2021-0210

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)

CANCELLED
OCT 01 1994
BY 5th R.S. #71
Public Service Commission
MISSOURI

FILED

MAR 20 1993

Issued: FEB 18 1994

Effective: MAR 20 1994

By M. H. SCHULTEIS, Division Manager-Regulatory & Industrial Services
Southwestern Bell Telephone Company
St. Louis, Missouri
**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
4th Revised Sheet 71
Replacing 3rd Revised Sheet 71

ACCESS SERVICES

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DEC 23 1993

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.

CANCELLED

OCT 1 1994
9500193
BY TR-95-85
Public Service Commission
MISSOURI

FILED

JAN 1 1994
93-224
MISSOURI

Issued: **DEC 23 1993**

Effective: **JAN 01 1994**

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

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

(FC) 7.3 Rate Regulations--(Continued)

(FC) 7.3.4 Minimum Periods

MISSOURI
Public Service Commission

The minimum service period for all services is one month.

(FC) 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. #7/
Public Service Commission
MISSOURI

FILED

OCT 1 1989
89-14
Public Service Commission

Issued: SEP 25 1989

Effective: OCT 1 1989

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 71
Replacing 1st Revised Sheet 71

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 month.

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. 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.

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.

RECEIVED
NOV 26 1986
MISSOURI
Public Service Commission

(CT)

CANCELLED

OCT 1 1989
BY *305* 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

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

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.

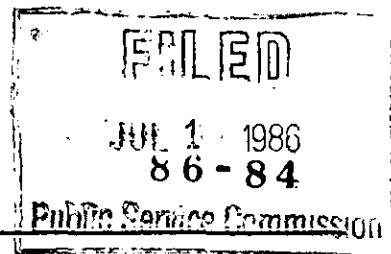
B. Moves to a Different Building

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.



BY 200 R.S. #71
PUBLIC SERVICE COMMISSION
OF MISSOURI

JAN 1 1987



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 71

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	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				

CANCELLED

JUL 1 1986
BY LR S.#71
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

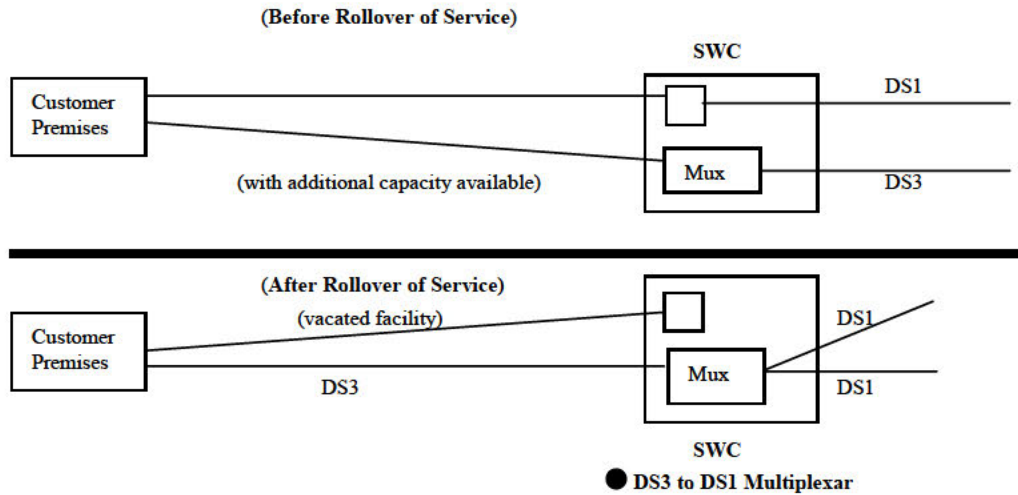
No Supplement to this tariff will be issued except for the purpose of canceling this tariff.

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

CANCELED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0160 (CT)

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

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)

CANCELLED

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

SEP 26 1994
BY 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

RECEIVED

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 P.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. #12

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.

Issued: FEB 22 1990

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

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

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 6# R.S.# 72
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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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
4th Revised Sheet 72
Replacing 3rd Revised Sheet 72

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

MAY 2 1988

7.4 Rate Regulations-(Continued)

7.4.6 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.

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 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.

(CT)
(CT)

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 S-R.S.#72
Public Service Commission
MISSOURI

FILED
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84-222 et al.
Public Service Commission

(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.

Issued: MAY 2 1988

Effective: JUL 1 1988

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
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 Commissior

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.

(AT)
(AT)

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

JUL 1 1988
BY 4th R.S. #72
Public Service Commission
MISSOURI

OCT 16 1987
TO-87-42
Public Service Commissior

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Effective: OCT 16 1987

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 72
Replacing 1st Revised Sheet 72

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rate Regulations-(Continued)

7.4.6 Mileage Measurement

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JUN 27 1986
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 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.

CANCELLED

OCT 16 1987

BY 3RD P.S. #72

Public Service Commission
MISSOURI

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JUL 1 1986
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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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MISSOURI
Public Service Commission

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	6EB 2-E			X				X	X					
(AT)	4SF2	6EB 2-M			X				X	X					
(AT)	4SF2	6GS2(1)			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						
(RT)	4SF2	4LR2		X											
	4SF2	2LR2		X											
	4SF2	4LS2		X	X				X						
	4SF2	2LS2		X	X				X	X					
	4SF2	2LS3							X						
	4SF2	4RV2-T							X						
	4SF2	2RV2-T							X						

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

FILED
C.O. Services 1984
Public Service Commission

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

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Effective: **OCT 15 1984**

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 72

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DEC 20 1983

MISSOURI
Public Service Commission

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
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

BY 1st RS 72
PUBLIC SERVICE COMMISSION
OF MISSOURI

FILED

JAN - 1 1984

83 - 253

Public Service Commission

Issued: DEC 29 1983

Effective: JAN 01 1984

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

P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
7th Revised Sheet 73
Replacing 6th 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(1) 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⁽¹⁾, Voice⁽¹⁾, etc.). (CT)(RT)

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(1), not high capacity.

- (1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

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(1) 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(1), Voice(1), Program Audio, etc.). (CP)

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(1), not high capacity. (CP)

- (1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024. (AT)

CANCELLED - Missouri Public Service Commission - 01/01/2023 - JI-2023-0099

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

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.).

(AT) 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.

Issued: August 9, 1991

Effective: September 30, 1991

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

CANCELLED
June 30, 2021
Missouri Public
Service Commission
JI-2021-0210

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.

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SEP 30 1991

BY 5th RS. #43

Public Service Commission
MISSOURI

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FILED

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

MAR 26 1990

Public Service Commission

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

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

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.).

(RT)

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

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Access Services Tariff
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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
Public Service Commission

7.4.7 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 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.

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BY *3rd R S #23*
Public Service Commission
MISSOURI

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SEP 14 1988

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 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 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.

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JUN 27 1986
MISSOURI
Public Service Commission

CANCELLED

SEP 14 1988

BY 2nd R.S.#73

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 Tariff
Section 7

Original Sheet 73

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DEC 29 1983

Public Service Commission

ACCESS SERVICES

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

1. Program Audio 1 (API) Special Access Service

a. Description

Special Access Service API 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 API 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).

CANCELLED

JUL 1 1986

BY R.S.#73
PUBLIC SERVICE COMMISSION
OF MISSOURI

FILED

JAN - 1 1984

83 - 253

Public Service Commission

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

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Rate Regulations-(Continued)

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(1) 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.

(CP)

Cascading multiplexing occurs when a 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(1) channels.

(CP)

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.

- (1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

(AT)

(AT)

P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
3rd Revised Sheet 74
Replacing 2nd Revised Sheet 74

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

(FC) 7.3 Rate Regulations-(Continued)

(FC) 7.3.7 Facility Hubs-(Continued)

(RT) 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 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.

(RT) Cascading multiplexing occurs when a 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.

Issued: October 21, 2014

CANCELLED
June 30, 2021
Missouri Public
Service Commission
JI-2021-0210

By JOHN SONDAG, President - Missouri
St. Louis, Missouri

Effective: November 20, 2014

FILED
Missouri Public
Service Commission
JI-2015-0173

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

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.

Issued: September 25, 1989

Effective: October 1, 1989

CANCELED
November 20, 2014
Missouri Public
Service Commission
JI-2015-0173

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 74
Replacing Original Sheet 74

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rate Regulations-(Continued)

7.4.7 Facility Hubs-(Continued)

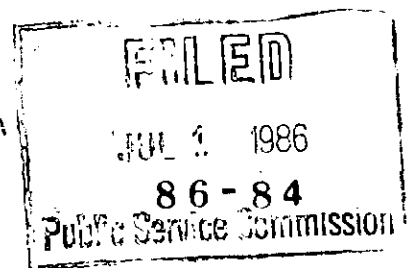


The Telephone Company will commence billing the ~~monthly rate for the~~ facility to the Hub on the date specified by the customer on the service order. Individual services utilizing these facilities may be installed coincident with the installation of the facility to the Hub, or may be ordered and/or 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.

CANCELLED
OCT 1 1989
BY *2nd* *RS # 74*
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

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

Access Services Tariff
Section 7
Original Sheet 74

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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)

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).

CANCELLED

JUL 1 1986

BY 1st R.S.#74
PUBLIC SERVICE COMMISSION
OF MISSOURI

FILED

JAN - 1 1984

83 - 253

Public Service Commission

Issued: DEC 29 1983

Effective: JAN 0 1 1984

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

P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
5th Revised Sheet 75
Replacing 4th 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 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 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.

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, 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

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140 (RT)

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

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

Issued: March 26, 1993

Effective: April 11, 1993

CANCELED
November 20, 2014
Missouri Public
Service Commission
JI-2015-0173

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
3rd Revised Sheet 75
Replacing 2nd Revised Sheet 75

ACCESS SERVICES

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MAY 11 1992

MO. PUBLIC SERVICE COMM.

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.

(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

CANCELLED

APR 11 1993
BY Hth R.S. #75
Public Service Commission
MISSOURI

FILED

NOV 16 1992

MO. PUBLIC SERVICE COMM.

Issued: MAY 13 1992

Effective: ~~NOV 22 1992~~ NOV 16 1992

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
2nd Revised Sheet 75
Replacing 1st Revised Sheet 75

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE--(Continued)

SEP 25 1989

(FC) 7.3 Rate Regulations--(Continued)

MISSOURI
Public Service Commission

(RT)

CANCELLED

NOV 16 1989
BY 3rd B.S. #75
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

FILED

OCT 1 1989
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Issued: SEP 25 1989

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
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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MISSOURI
Public Service Commission

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

CANCELLED

OCT 1 1989
BY *[Signature]* R.S. #25
Public Service Commission
MISSOURI

JUL 1 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 75

ACCESS SERVICES

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)

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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JUL 1 1986

BY LR 575
PUBLIC SERVICE COMMISSION
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.

83-253

Issued: DEC 29 1983

Effective: JAN 01 1984

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

P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
3rd Revised Sheet 75.1
Replacing 2nd Revised Sheet 75.1

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Rate Regulations-(Continued)

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(1),
Telegraph(1), 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.

(CP)
(CP)

7.3.9 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. 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(1), Telegraph Grade(1), Voice Grade(1), and MegaLink Data(1) Channel
Terminations.

(CP)

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(1), Telegraph Grade(1), Voice Grade(1), (including WATS
Access Lines(1)) or MegaLink Data(1) Special Access Services unless
all such inside wire is provided by the customer.

(CP)
(CP)

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

- (1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing
customers. In addition, requests to move, add, change, or renew existing service arrangements will
not be accepted. Following the expiration of a customer's existing term agreement, service will be
provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued.
The Company currently plans to discontinue this service on or after June 30, 2024.

(AT)
|
(AT)

Issued: May 28, 2021

By CRAIG UNRUH, President - Missouri
St. Louis, Missouri

Effective: June 30, 2021

FILED
Missouri Public
Service Commission
JI-2021-0210

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

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

Access Services Tariff
Section 7
2nd Revised Sheet 75.01
Replacing 1st Revised Sheet 75.01

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 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 7.4 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. 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, 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 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) 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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Effective: October 1, 1989

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 75.01
Replacing Original Sheet 75.01

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

OCT 13 1987

7.4 Rate Regulations-(Continued)

7.4.8 Shared Use Analog and Digital High Capacity Services-(Continued) MISSOURI
Public Service Commission

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.

CANCELLED

OCT 1 1989
BY *gwd* R.S.#75.01
Public Service Commission
MISSOURI

FILED

OCT 16 1987
70-87-42
Public Service Commission

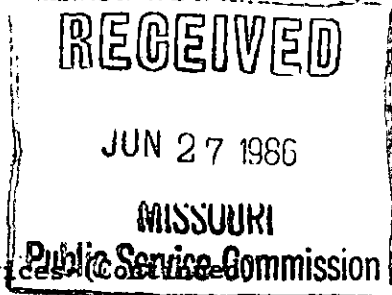
Issued: OCT 14 1987

Effective: OCT 16 1987

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 75.01



(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rate Regulations-(Continued)

7.4.8 Shared Use Analog and Digital High Capacity Services-(Continued)

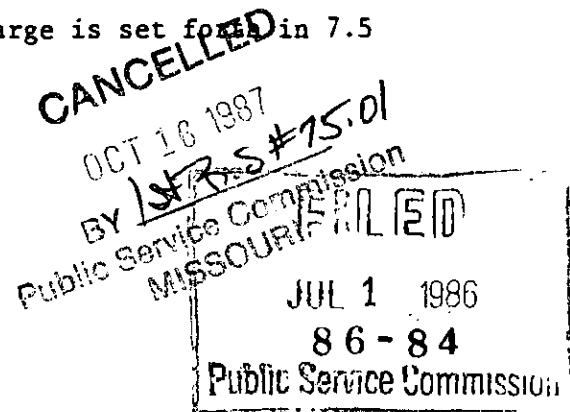
the customer-designated premises will be dependent on the specific type of Special Access Service that is provided (i.e., Voice Grade, Telegraph, etc.) The applicable rates will include a Channel Termination rate, Channel Mileage rates, if applicable and an Inside Wire Recovery Charge, if applicable. 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.



Issued: JUN 27 1986

Effective: JUL 1 1986

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

P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
2nd Revised Sheet 75.2
Replacing 1st Revised Sheet 75.2

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Rate Regulations-(Continued)

7.3.10 WATS Access Line Service (WALs)(1) (CP)

When WATS Access Lines are provided the Voice Grade(1) rate elements (CP)
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 Sta-
tion Equipment Recovery Charge will apply.

- (1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing (AT)
customers. In addition, requests to move, add, change, or renew existing service arrangements will
not be accepted. Following the expiration of a customer's existing term agreement, service will be
provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued.
The Company currently plans to discontinue this service on or after June 30, 2024. (AT)

Issued: May 28, 2021

By CRAIG UNRUH, President - Missouri
St. Louis, Missouri

Effective: June 30, 2021

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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 75.02
Replacing Original Sheet 75.02

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.

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.

(AT)

Issued: September 25, 1989

Effective: October 1, 1989

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 75.02

ACCESS SERVICES

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

OCT 13 1987

7.4 Rate Regulations-(Continued)

MISSOURI

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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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OCT 1 1989
BY *pt R.S. #75.02*
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MISSOURI

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OCT 16 1987
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Issued: OCT 14 1987

Effective: OCT 16 1987

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 75.03
Replacing Original Sheet 75.03

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 - 05/01/2024 - TN-2024-0278 - JI-2024-0140

Issued: January 10, 1997

Effective: February 10, 1997

By KAREN E. JENNINGS, 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 75.03

ACCESS SERVICES

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Public Service Commission

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.

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

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MO. PUBLIC SERVICE COMM.

Issued: FEB 09 1993

Effective: ~~MAR 11 1993~~

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 75.04
Replacing Original Sheet 75.04

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Rate Regulations-(Continued)

(CT) 7.3.11 (Reserved for Future Use)

(RT)

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Southwestern Bell Telephone Company
St. Louis, Missouri

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Access Services Tariff
Section 7
Original Sheet 75.04

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

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 Let R.S. # 75.04
Public Service Commission
MISSOURI

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APR 19 1993

Issued: FEB 09 1993

Effective: ~~MAR 11 1993~~

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

APR 19 1993 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 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)



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Access Services Tariff
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Original Sheet 75.05

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE--(Continued)

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(AT) 7.3 Rate Regulations--(Continued)

FEB 9 1993

7.3.11 Business Video Service--(Continued)

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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)

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MISSOURI

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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

**P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF**

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
3rd Revised Sheet 75.6
Replacing 2nd Revised Sheet 75.6

1st Revised Sheet 75.6 was formerly 1st Revised Sheet 75.06 (AT)

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Rate Regulations-(Continued)

7.3.12 MegaLink Data(1) and High Capacity Services (CP)

A. Rate Bands

MegaLink Data(1) 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: (CP)

1. MegaLink Data(1) Service Lower Band Upper Band (CP)

a. Channel Termination

4.8 kbps	57.00	94.00	(RT)
9.6 kbps	60.00	92.95	
56.0 kbps	115.00	171.35	

b. Channel Mileage Fixed

4.8 kbps			(RT)
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	

(1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024. (AT)

Issued: May 28, 2021

Effective: June 30, 2021

By CRAIG UNRUH, President - Missouri
St. Louis, Missouri

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P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
2nd Revised Sheet 75.6
Replacing 1st Revised Sheet 75.6

1st Revised Sheet 75.6 was formerly 1st Revised Sheet 75.06 (AT)

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Rate Regulations-(Continued)

7.3.12 MegaLink Data and High Capacity Services (CT)

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: March 20, 2009

By DAVID NICHOLS, President - Missouri
St. Louis, Missouri

Effective: April 19, 2009

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JI-2009-0676

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

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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

Cancelled
April 19, 2009
Missouri Public
Service Commission
JI-2009-0676

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

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)

MISSOURI
Public Service Commission

7.3.12 Transitionally 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

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

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APR 11 1995

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**P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF**

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
3rd Revised Sheet 75.7
Replacing 2nd Revised Sheet 75.7

1st Revised Sheet 75.7 was formerly 1st Revised Sheet 75.07 (AT)

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Rate Regulations-(Continued)

7.3.12 MegaLink Data(1) and High Capacity Services-(Continued) (CP)

A. Rate Bands-(Continued)

1. MegaLink Data(1) Service-(Continued) (CP)

	<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	

(1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024. (AT)

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By CRAIG UNRUH, President - Missouri
St. Louis, Missouri

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P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

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Replacing 1st Revised Sheet 75.7

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Rate Regulations-(Continued)

7.3.12 MegaLink Data and High Capacity Services-(Continued) (CT)

A. Rate Bands-(Continued)

1. MegaLink Data Service-
(Continued) Lower Band Upper 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

Issued: March 20, 2009

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St. Louis, Missouri

Filed
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JI-2009-0676

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

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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)

Lower Band

Upper 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

Issued: February 20, 2002

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By JAN NEWTON, President-Missouri
Southwestern Bell Telephone, L.P., d/b/a Southwestern Bell Telephone Company
St. Louis, Missouri

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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 Band

Upper 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
PUBLIC SERVICE COMMISSION
MISSOURI

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MISSOURI
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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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94 - 364
PUBLIC SERVICE COMMISSION

**P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF**

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Rate Regulations-(Continued)

7.3.12 MegaLink Data(1) and High Capacity Services-(Continued) (CP)

A. Rate Bands-(Continued)

1. MegaLink Data(1) Service-(Continued) Lower Band Upper Band (CP)

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

(1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024. (AT)

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By CRAIG UNRUH, President - Missouri
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JI-2021-0210

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
2nd Revised Sheet 75.8
Replacing 1st Revised Sheet 75.8

1st Revised Sheet 75.8 was formerly 1st Revised Sheet 75.08 (AT)

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Rate Regulations-(Continued)

7.3.12 MegaLink Data and High Capacity Services-(Continued) (CT)

A. Rate Bands-(Continued)

1. MegaLink Data Service-
(Continued) Lower Band Upper 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

Issued: March 20, 2009

By DAVID NICHOLS, President - Missouri
St. Louis, Missouri

Effective: April 19, 2009

CANCELLED
June 30, 2021
Missouri Public
Service Commission
JI-2021-0210

Filed
Missouri Public
Service Commission
JI-2009-0676

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)

c. Channel Mileage Per Mile-(Continued)

	<u>Lower Band</u>	<u>Upper Band</u>
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

Cancelled
April 19, 2009
Missouri Public
Service Commission
JI-2009-0676

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

Access Services Tariff
Section 7
Original Sheet 75.08

ACCESS SERVICES

RECEIVED

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 Band

Upper Band

c. Channel Mileage Per Mile-(Continued)

4.8 kbps

Mileage Bands

Mileage Bands	Lower Band	Upper Band
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

Mileage Bands	Lower Band	Upper Band
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

Mileage Bands	Lower Band	Upper Band
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
15423 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

FILED

APR 11 1995
94 - 364
PUBLIC SERVICE COM

**P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF**

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
3rd Revised Sheet 75.9
Replacing 2nd Revised Sheet 75.9

1st Revised Sheet 75.9 was formerly 1st Revised Sheet 75.09 (AT)

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Rate Regulations-(Continued)

7.3.12 MegaLink Data(1) and High Capacity Services-(Continued) (CP)

A. Rate Bands-(Continued)

2. High Capacity Service Lower Band Upper Band

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

(1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024. (AT)

Issued: May 28, 2021

Effective: June 30, 2021

By CRAIG UNRUH, President - Missouri
St. Louis, Missouri

FILED
Missouri Public
Service Commission
JI-2021-0210

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
2nd Revised Sheet 75.9
Replacing 1st Revised Sheet 75.9

1st Revised Sheet 75.9 was formerly 1st Revised Sheet 75.09 (AT)

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Rate Regulations-(Continued)

7.3.12 MegaLink Data and High Capacity Services-(Continued) (CT)

A. Rate Bands-(Continued)

2. High Capacity Service Lower Band Upper Band

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: March 20, 2009

By DAVID NICHOLS, President - Missouri
St. Louis, Missouri

Effective: April 19, 2009

CANCELLED
June 30, 2021
Missouri Public
Service Commission
JI-2021-0210

Filed
Missouri Public
Service Commission
JI-2009-0676

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 Lower Band Upper Band

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

Cancelled
April 19, 2009
Missouri Public
Service Commission
JI-2009-0676

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

RECEIVED

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)

2. High Capacity Service Lower Band Upper Band

a. Channel Termination

1.544 Mbps \$147.88 \$225.00

b. Channel Mileage Fixed

1.544 Mbps
Mileage Bands

	Lower Band	Upper Band
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

	Lower Band	Upper Band
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

FILED

APR 11 1995
94 - 364
MO PUBLIC SERVICE COM

**P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF**

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
6th Revised Sheet 76
Replacing 5th Revised Sheet 76

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges

7.4.1 Metallic(1) Service

(CP)

	<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	\$24.00	113.00	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	\$12.00	.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	11.00	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	\$5.35	None
b. Series Bridging			
- Per port	BCNMS	5.35	None

(1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

(AT)
|
(AT)

Issued: May 28, 2021

Effective: June 30, 2021

By CRAIG UNRUH, President - Missouri
St. Louis, Missouri

FILED
Missouri Public
Service Commission
JI-2021-0210

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

No Supplement to this tariff will be issued except for the purpose 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>
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

CANCELLED
June 30, 2021
Missouri Public
Service Commission
JI-2021-0210

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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7. SPECIAL ACCESS SERVICE--(Continued)

MAR 29 1993

7.4 Rates and Charges

MISSOURI
Public Service Commission

7.4.1 Metallic Service

	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 *5th RS 76*
Public Service Commission
MISSOURI

Issued: ~~MAR~~ 26 1993

Effective:

APR 11 1993
FILED

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

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AUG 9 1991

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE--(Continued)

7.4 Rates and Charges

7.4.1 Metallic Service

**MISSOURI
Public Service Commission**

(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 *H. Th. R. S. #76*
Public Service Commission
MISSOURI

C. Optional Features and Functions

1. Bridging

	USOC	Monthly Rates	Nonrecurring Charges
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 6 9 1991**

Effective: ~~SEP 7 9 1991~~ Public Service Commission

SEP 30 1991

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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7. SPECIAL ACCESS SERVICE-(Continued)

SEP 25 1989

(FC) 7.4 Rates and Charges

MISSOURI

(FC) 7.4.1 Metallic Service

Public Service Commission

	<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> ^{3rd R.S. #76}	
		<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

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
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 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
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

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JUN 27 1986
MISSOURI
Public Service Commission

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
A. Channel Termination			
- Per point of termination	T6ECS	\$14.80	\$75.80
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	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

1. Bridging

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
a. Three Premises Bridging			
- Per port	BCNM3		
b. Series Bridging			
- Per port	BCNMS	5.00	

CANCELLED
OCT 1 1989
BY *gms* P.S.#76
Missouri Public Service Commission

FILED
None
JUN 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

RECEIVED

DEC 29 1983

ACCESS SERVICES

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)

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 dB \pm 0.5 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 dB. Remedial action will be taken when the loss variation at 1004 Hz exceeds the initial AML by \pm 4.0 dB.

CANCELLED

JUL 1 1986

BY J.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

**P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF**

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
6th Revised Sheet 77
Replacing 5th Revised Sheet 77

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.2 Telegraph Grade(1) Service

(CP)

	<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	\$38.00	167.00	121.00
- Four-Wire	T6E4X	64.25	167.00	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	\$22.75	\$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	61.00	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	\$6.60	None
- Four-Wire	BCNT4	6.60	None

(1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

(AT)
|
(AT)

Issued: May 28, 2021

Effective: June 30, 2021

By CRAIG UNRUH, President - Missouri
St. Louis, Missouri

FILED
Missouri Public
Service Commission
JI-2021-0210

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

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

CANCELLED
June 30, 2021
Missouri Public
Service Commission
JI-2021-0210

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

Access Services Tariff
Section 7
4th Revised Sheet 77
Replacing 3rd Revised Sheet 77

ACCESS SERVICES

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MISSOURI
Public Service Commission

7. SPECIAL ACCESS SERVICE--(Continued)

7.4 Rates and Charges--(Continued)

7.4.2 Telegraph Grade Service

	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

CANCELLED
 JUN 25 2000
 By 5th R 577
 Public Service Commission
 MISSOURI

(AT) C. Optional Features, BSEs and Functions

	USOC	Monthly Rates	Nonrecurring Charges
1. Telegraph Bridging			
Two-Wire and Four-Wire			
- Per port			
- Two-Wire	BCNT2	\$6.15	None
- Four-Wire	BCNT4	6.15	None

Issued: MAR 29 1993

Effective:

APR 11 1993 FILED

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

APR 11 1993
92-304
MO. PUBLIC SERVICE COM

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

Access Services Tariff
Section 7
3rd Revised Sheet 77
Replacing 2nd Revised Sheet 77

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

AUG 9 1991

7.4 Rates and Charges-(Continued)

**MISSOURI
Public Service Commission**

7.4.2 Telegraph Grade Service

(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

CANCELLED

APR 11 1993

BY 4th R.S. #77

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

FILED

SEP 30 1991

Issued: **AUG 09 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 77
Replacing 1st Revised Sheet 77

ACCESS SERVICES

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SEP 25 1989

7. SPECIAL ACCESS SERVICE-(Continued)

(FC) 7.4 Rates and Charges-(Continued)

(FC) 7.4.2 Telegraph Grade Service

MISSOURI
Public Service Commission

	USOC	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 Bands	USOC	Monthly Rates	
		Fixed	Per 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	5.40
Over 50	1L5XX	56.77	(CR) 4.60

CANCELLED

SEP 30 1991

BY 3 M R. S. 77

Public Service Commission
MISSOURI

	USOC	Monthly Rates	Nonrecurring 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

FILED

Issued: SEP 25 1989

Effective: OCT 1 1989

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

OCT 1 1989
9 - 14

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

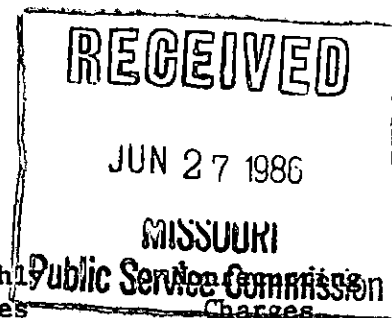
Access Services Tariff
Section 7
1st Revised Sheet 77
Replacing Original Sheet 77

(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

T6E2X

\$21.18

\$75.80

- Four-Wire

T6E4X

35.46

75.80

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

USOC

1L5XX
1L5XX
1L5XX
1L5XX
1L5XX
1L5XX

Monthly Rates

Fixed Per Mile

None None
\$14.47 \$5.40
14.47 5.40
14.47 5.40
14.47 5.40
56.77 4.57

C. Optional Features and Functions

1. Telegraph Bridging

Two-Wire and Four-Wire

- Per port

- Two-Wire

BCNT2

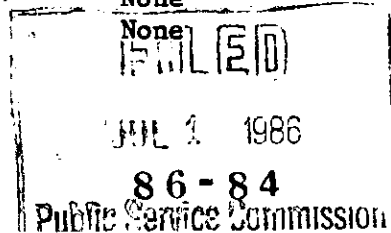
- Four-Wire

BCNT4

Monthly Rates Nonrecurring Charges

None
\$5.00
5.00

CANCELLED
OCT 1 1989
BY *ms* P.S.#77
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

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

Access Services Tariff
Section 7
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Public Service Commission

ACCESS SERVICES

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)

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

IC	End User	IC	End User
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

CANCELLED
JUL 1 1986
BY 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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DEC 1 1983
83-253
Public Service Commission

Issued: DEC 29 1983

Effective: JAN 0 1 1984

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

**P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF**

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
6th Revised Sheet 78
Replacing 5th Revised Sheet 78

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.3 Voice Grade(1) Service (CP)

	<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	\$27.75	\$153.00	113.00	
- Four-Wire	T6E4X	63.75	175.00	129.00	
- Digital WATS Access Line (WAL)*(1)	T6EDX	5.95	134.00	95.00	(CP)
			<u>Nonrecurring Charges</u>		
- Non-jointly provided WATS Access Line (WAL)(1) two-wire	X2H	41.25		75.00	(CP)
- Non-jointly provided WATS Access Line (WAL)(1) four-wire	X4H	65.75		75.00	(CP)
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	\$20.00	\$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	55.75	4.49

*Additive applicable in conjunction with customer ordered Digital High Capacity facility in Paragraph 7.4.7.

(1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024. (AT)

Issued: May 28, 2021

Effective: June 30, 2021

By CRAIG UNRUH, President - Missouri
St. Louis, Missouri

FILED
Missouri Public
Service Commission
JI-2021-0210

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

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

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

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

Access Services Tariff
Section 7
4th Revised Sheet 78
Replacing 3rd Revised Sheet 78

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE--(Continued)

7.4 Rates and Charges--(Continued)

7.4.3 Voice Grade Service

**MISSOURI
Public Service Commission**

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
			<u>1st Ckt</u>	<u>Addl. Ckt</u>
(AT) 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
			<u>Nonrecurring Charges</u>	
- 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

<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	\$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	17.45	4.94
Over 50	1L5XX	51.96	4.18

CANCELLED

JUN 25 2000
5:46 R578

By
Public Service Commission
MISSOURI

*Additive applicable in conjunction with customer ordered Digital High Capacity facility in Paragraph 7.4.7.

FILED

Issued: **AUG 09 1991**

Effective:

~~SEP 09 1991~~
SEP 30 1991

SEP 30 1991

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
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)

CANCELLED

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
MISSOURI

<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)

FILED

Issued: SEP 25 1989

Effective: OCT 1 1989

OCT 1 1989
89-14

By R.D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company Public Service Commission
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 78
Replacing 1st Revised Sheet 78

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Voice Grade Service

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OCT 13 1987
MISSOURI
Public Service Commission
Nonrecurring Charges

Non-Joint
20.47
orig. end
term switch

Indefinite

Jointly 800

term. excep
CLS
LT
3 mos

requires term
CC

A. Channel Termination

	USOC	Monthly Rates	Nonrecurring Charges
- Per point of termination			
- Two-Wire	T6E2X	\$25.82	\$78.05
- Four-Wire	T6E4X	42.14	78.05
- 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	125.14	69.82
- Jointly provided WATS Access Line (WAL)+	DBX	39.07	69.82

1. Inside Wire Charge

- Per Channel Termination	WMJ	None	None
---------------------------	-----	------	------

B. Channel Mileage

Mileage Bands	USOC	Fixed	Per Mile
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

CANCELLED
OCT 1 1989
BY *3* S.#78
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.

FILED

Issued: OCT 14 1987

Effective: OCT 16 1987

OCT 16 1987

TO 87-42
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.

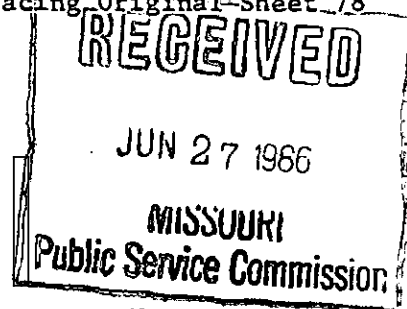
Access Services Tariff
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1st Revised Sheet 78
Replacing Original Sheet 78

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

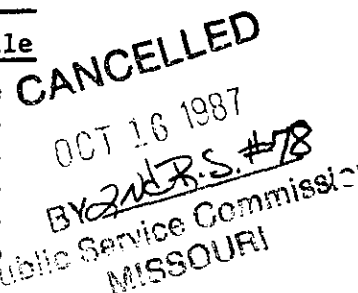
7.5.3 Voice Grade Service



	<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	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	\$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



C. Optional Features and Functions

1. Bridging

a. Voice Bridging

Two-Wire/Four-Wire

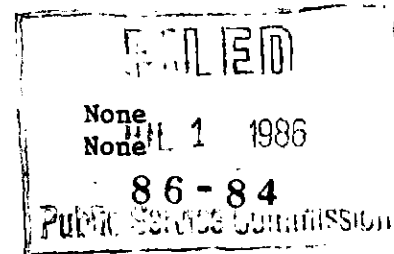
- Per port

- Two-Wire

- Four-Wire

BCNV2	\$4.92
BCNV4	4.92

<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
-------------	----------------------	-----------------------------



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 78

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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)

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).

CANCELLED

JUL 1 1986

BY LR S 78
PUBLIC SERVICE COMMISSION
OF MISSOURI

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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

**P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF**

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
6th Revised Sheet 78.1
Replacing 5th Revised Sheet 78.1

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.3 Voice Grade Service(1)-(Continued)

(CP)

	<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	8.05	98.00	87.00
D. Optional Features, BSEs and Functions				
			<u>Nonrecurring Charges</u>	
1. Bridging				
a. Voice Bridging				
Two-Wire/Four-Wire				
	BCNV2	\$5.30	None	
	BCNV4	5.30	None	

(1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

(AT)
|
(AT)

Issued: May 28, 2021

Effective: June 30, 2021

By CRAIG UNRUH, President - Missouri
St. Louis, Missouri

FILED
Missouri Public
Service Commission
JI-2021-0210

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

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

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>Add. 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

Issued: **MAY 26, 2000**

Effective: **JUNE 25, 2000**

By JAN NEWTON, President-Missouri
Southwestern Bell Telephone Company
St. Louis, Missouri

CANCELLED
June 30, 2021
Missouri Public
Service Commission
JI-2021-0210

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

Access Services Tariff
Section 7
4th Revised Sheet 78.01
Replacing 3rd Revised Sheet 78.01

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>	
			<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

CANCELLED

JUN 25 2000
By *5+ RS 78.01*
Public Service Commission
MISSOURI

Issued: **MAR 26 1993**

Effective:

FILED
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 78.01
Replacing 2nd Revised Sheet 78.01

ACCESS SERVICES

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AUG 9 1991

**MISSOURI
Public Service Commission**

- 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>
(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) 1. Bridging				<u>Nonrecurring Charges</u>
(AT) a. Voice Bridging				
Two-Wire/Four-Wire				
- Per port				
- Two-Wire	BCNV2	\$4.92		None
- Four-Wire	BCNV4	4.92		None

CANCELLED
APR 11 1993
BY 4th R.S. 78.01
Public Service Commission
MISSOURI

FILED

Issued: **AUG 0 9 1991**

Effective: ~~SEP 1 1991~~ SEP 30 1991
SEP 30 1991

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

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

Access Services Tariff
Section 7
2nd Revised Sheet 78.01
Replacing 1st Revised Sheet 78.01

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE--(Continued)

FEB 20 1990

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)	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

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SEP 25 1989

MISSOURI
Public Service Commission

- 7. SPECIAL ACCESS SERVICE-(Continued)
- (F) 7.4 Rates and Charges-(Continued)
- (F) 7.4.3 Voice Grade Service-(Continued)

	<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)

RECEIVED

OCT 13 1987

MISSOURI
Public Service Commission

Nonrecurring
Charges

Monthly
Rates

USOC

(MT) C. Optional Features and Functions

1. Bridging

a. Voice Bridging

Two-Wire/Four-Wire

- Per port

- Two-Wire

- Four-Wire

BCNV2

\$4.92

None

BCNV4

4.92

None

CANCELLED

OCT 1 1989

BY MR. R.S. # 78.01
Public Service Commission
MISSOURI

FILED

OCT 16 1987

~~TO-87-42~~
Public Service Commission

Issued: OCT 14 1987

Effective: OCT 16 1987

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

**P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF**

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
6th Revised Sheet 79
Replacing 5th Revised Sheet 79

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.3 Voice Grade(1) Service-(Continued)

(CP)

	<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	\$ 5.30	None
- Four-Wire	BCND4	5.30	None

(RT)

(RT)

(1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

(AT)

(AT)

Issued: May 28, 2021

Effective: June 30, 2021

By CRAIG UNRUH, President - Missouri
St. Louis, Missouri

FILED
Missouri Public
Service Commission
JI-2021-0210

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

No Supplement to this tariff will be issued except for the purpose 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 Arrangement 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

CANCELLED
June 30, 2021
Missouri Public
Service Commission
JI-2021-0210

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)

7.4 Rates and Charges--(Continued)

7.4.3 Voice Grade Service--(Continued)

RECEIVED

MAR 29 1993

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 Arrangement Ports			
- Per two-wire channel connected	DQ2	6.26	None
- Per four-wire channel connected	DQ4	42.66	None

CANCELLED

JUN 25 2000

By *54 RS 79*
Public Service Commission
MISSOURI

Issued: MAR 29 1993

Effective:

APR 11 1993
FILED

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 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)

7.4.3 Voice Grade Service-(Continued)

MISSOURI
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. H. R. S. #19*
Public Service Commission
MISSOURI

Issued: FEB 22 1990

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

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

Access Services Tariff
Section 7
2nd Revised Sheet 79
Replacing 1st Revised Sheet 79

ACCESS SERVICES

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SEP 25 1989

MISSOURI
Public Service Commission

7. SPECIAL ACCESS SERVICE--(Continued)

(FC) 7.4 Rates and Charges--(Continued)

(FC) 7.4.3 Voice Grade Service--(Continued)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
C. Optional Features and Functions--(Continued)			
1. Bridging--(Continued)			
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

CANCELLED
MAR 26 1990
BY 328 R.S.# 79
Public Service Commission
MISSOURI

FILED

Issued: SEP 25 1989

Effective: OCT 1 1989 OCT 1 1989
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)

RECEIVED
JUN 27 1986
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 Arrangement Ports			
- Per two-wire channel connected	DQ2	6.26	None
- Per four-wire channel connected	DQ4	42.66	None

CANCELLED
OCT 1 1989
BY *200* R.S.#79
Public Service Commission
MISSOURI

FILED
JUL 1 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 79

ACCESS SERVICES

DEC 20 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)

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 RS. 79
PUBLIC SERVICE COMMISSION
OF MISSOURI

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

P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
6th Revised Sheet 80
Replacing 5th Revised Sheet 80

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.3 Voice Grade(1) Service-(Continued)

(CP)

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

1. Bridging-(Continued)

<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
-------------	----------------------	-----------------------------

d. Telemetry and Alarm
Bridging

Active Bridging
Channel Connections

Split Band

- Per channel
connected

CNLRX

2.10

None

Summation

- Per channel
connected

BCNSA

3.19

None

(RT)

(RT)

(1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

(AT)

(AT)

Issued: May 28, 2021

By CRAIG UNRUH, President - Missouri
St. Louis, Missouri

Effective: June 30, 2021

FILED
Missouri Public
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JI-2021-0210

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

No Supplement to this tariff will be issued except for the purpose 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**

CANCELLED
June 30, 2021
Missouri Public
Service Commission
JI-2021-0210

By JAN NEWTON, President-Missouri
Southwestern Bell Telephone Company
St. Louis, Missouri
P.S.C. Mo.-No. 36

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)

RECEIVED

MAR 23 1993

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	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

CANCELLED

JUN 25 2000

By 54 RS 80
Public Service Commission
MISSOURI

Issued: MAR 26 1993

Effective:

FILED
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 80
Replacing 2nd Revised Sheet 80

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

(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

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

APR 11 1993
BY *W.R.S. #80*
Public Service Commission
MISSOURI

Issued: FEB 22 1990

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

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

Access Services Tariff
Section 7
2nd Revised Sheet 80
Replacing 1st Revised Sheet 80

ACCESS SERVICES

RECEIVED

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)			
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 308 R.S.#80
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 Public Service Commission
St. Louis, Missouri

89-14

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

RECEIVED
JUN 27 1986
MISSOURI
Public Service Commission

- 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	

CANCELLED
OCT 1 1989
BY *2ms* R.S.#80
Public Service Commission
MISSOURI

FILED
None
JUL 1 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 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 intrastate telecommunications services such as:

- Wired Music

CANCELED
JUL 1 1986
BY RT R.S. 80
STATE COMMISSION
OF MISSOURI
FILED
JAN 1 1984
83-253

- (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

Effective: JAN 01 1984

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

**P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF**

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
7th Revised Sheet 81
Replacing 6th Revised Sheet 81

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.3 Voice Grade(2) Service-(Continued) (CP)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
D. Optional Features, BSEs and Functions-(Continued)				
1. Bridging-(Continued)				
d. Telemetry and Alarm Bridging-(Continued)				
Passive Bridging Channel Connections				
- Per channel connected	BCNTP	\$.83	None	
2. Conditioning				
- Per point of termination				
C-Type(1)	X1CPT	42.25	None	
C-Conditioning		.27	None	
Sealing Current				
- Per point of termination	1HBPT	None	None	
3. Improved Attenuation Distortion (IAD)				
- Per WAL(2) point of termination	ORA	6.90	177.00	(CP)
- Per point of termination	UHW	.54	None	

- (1) This feature is obsolete, and limited to existing installations at existing locations, for existing customers.
- (2) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. (AT)
 In addition, requests to move, add, change, or renew existing service arrangements will not be accepted.
 Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024. (AT)

Issued: May 28, 2021

Effective: June 30, 2021

By CRAIG UNRUH, President - Missouri
St. Louis, Missouri

FILED
Missouri Public
Service Commission
JI-2021-0210

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

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

Access Services Tariff
Section 7
6th Revised Sheet 81
Replacing 5th Revised Sheet 81

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.3 Voice Grade Service-(Continued)

<u>Charges</u>	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring</u>
D. Optional Features, BSEs and Functions-(Continued)			
1. Bridging-(Continued)			
d. Telemetry and Alarm Bridging-(Continued)			
Passive Bridging Channel Connections			
- Per channel connected	BCNTP	(CR) \$.83	None
2. Conditioning			
- Per point of termination			
C-Type(1)	X1CPT	(CR) 42.25	None
C-Conditioning		(CR) .27	None
Sealing Current			
- Per point of termination	1HBPT	None	None
3. Improved Attenuation Distortion (IAD)			
- Per WAL point of termination	ORA	(CR) 6.90	(CR) 177.00
- Per point of termination	UHW	(CR) .54	None

(1) This feature is obsolete, and limited to existing installations at existing locations, for existing customers.

Issued: **MAY 26, 2000**

Effective: **JUNE 25, 2000**

By JAN NEWTON, President-Missouri
Southwestern Bell Telephone Company
St. Louis, Missouri

CANCELLED
June 30, 2021
Missouri Public
Service Commission
JI-2021-0210

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

Access Services Tariff
Section 7
5th Revised Sheet 81
Replacing 4th Revised Sheet 81

ACCESS SERVICES

- 7. SPECIAL ACCESS SERVICE--(Continued)
- 7.4 Rates and Charges--(Continued)
- 7.4.3 Voice Grade Service--(Continued)

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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)			
d. Telemetry and Alarm Bridging--(Continued)			
Passive Bridging Channel Connections			
- Per channel connected	BCNTP	\$.77	None
2. Conditioning			
- Per point of termination			
C-Type(1)	X1CPT	39.30	None
C-Conditioning		.25	None
Sealing Current			
- Per point of termination	1HBPT	None	None
3. Improved Attenuation Distortion (IAD)			
- Per WAL point of termination	ORA	6.45	165.00
- Per point of termination	UEW	.50	None

CANCELLED

JUN 25 2000

By *6#RS 81*
Public Service Commission
MISSOURI

(1) This feature is obsolete, and limited to existing installations at existing locations, for existing customers.

Issued: **MAR 26 1993**

Effective:

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

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APR 11 1993
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
4th Revised Sheet 81
Replacing 3rd Revised Sheet 81

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)			
d. Telemetry and Alarm Bridging-(Continued)			
Passive Bridging Channel Connections			
- Per channel connected	BCNTP	\$.77	None
2. Conditioning			
- Per point of termination			
(AT) C-Type(1)	X1CPT	39.30	None
(AT) C-Conditioning	(NR)	.25	None
Sealing Current			
- Per point of termination	1HBPT	None	None
(AT) 3. Improved Attenuation Distortion (IAD)			
- Per WAL point of termination	ORA	6.45	165.00
(AT) - Per point of termination	UHW (NR)	.50	None

CANCELLED

APR 11 1993
BY 5th R.S. #81
Public Service Commission
MISSOURI

(1) This feature is obsolete, and limited to existing installations at existing locations, for existing customers.

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Issued: FEB 22 1990

Effective: MAR 26 1990

MAR 26 1990

By R. D. BARRON, President-Missouri Division Public Service Commission
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
3rd Revised Sheet 81
Replacing 2nd Revised Sheet 81

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)			
d. Telemetry and Alarm Bridging-(Continued)			
Passive Bridging Channel Connections			
- Per channel connected	BCNTP	\$.77	None
2. Conditioning			
- Per point of termination			
C-Type	X1CPT	(CR)39.30	None
Sealing Current			
- Per point of termination	1HBPT	None	None
3. Improved Attenuation Distortion			
- Per WAL point of termination	ORA	(CR) 6.45	(CR)165.00

CANCELLED

MAR 26 1990
BY 4th R.S.#81
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 Public Service Commission
St. Louis, Missouri 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 81
Replacing 1st Revised Sheet 81

ACCESS SERVICES

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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)			
d. Telemetry and Alarm Bridging-(Continued)			
Passive Bridging Channel Connections			
- Per channel connected	BCNTP	\$.77	None
2. Conditioning			
- Per point of termination			
C-Type	X1CPT	4.04	None
Sealing Current			
- Per point of termination	LHBPT	None	None
3. Improved Attenuation Distortion			
- Per WAL point of termination	ORA	None	None

CANCELLED

OCT 1 1989
BY 3rd R.S.#81
Public Service Commission
MISSOURI

FILED

OCT 16 1987

70-87-42
Public Service Commissior

Issued: OCT 14 1987

Effective: OCT 16 1987

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

(AT)

(AT)

(NR)

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

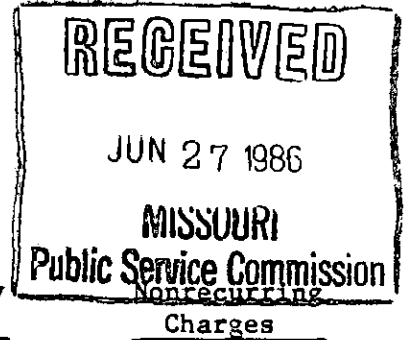
Access Services Tariff
Section 7
1st Revised Sheet 81
Replacing Original Sheet 81

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Voice Grade Service-(Continued)



Monthly
Rates

USOC

Charges

C. Optional Features and Functions-(Continued)

1. Bridging-(Continued)

d. Telemetry and Alarm Bridging-(Continued)

Passive Bridging
Channel Connections

- Per channel
connected

BCNTP

\$.77

CANCELLED
OCT 16 1987

BY *2417 S. #81*
Public Service Commission
MISSOURI
None

2. Conditioning

- Per point of termination

C-Type

X1CPT

4.04

None

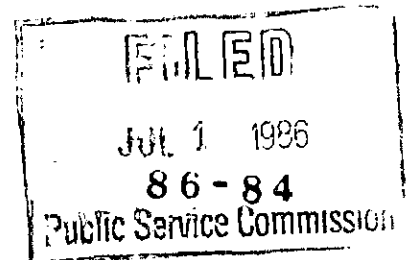
Sealing Current

- Per point of termination

1HBPT

None

None



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 81

DEC 29 1983

ACCESS SERVICES

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)

C. Program Audio Services-(Continued)

4. Program Audio 4 (AP4) Special Access Service-(Continued)

c. Optional Features

- Gain Conditioning - control of 1004 Hz AML at initiation of service to 0 dB ± 0.5 dB.
- Stereo - provision of a pair of gain/phase equalized channels for stereo applications.
- 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 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 15,000 Hz, the gain at any frequency will be within 1 dB of the gain at 1004 Hz.

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JUL 1 1986

BY 124 R.S.81
PUBLIC SERVICE COMMISSION
OF MISSOURI

FILED
JAN - 1 1984
83 - 253
P.S.C.

Issued: DEC 29 1983

Effective: JAN 0 1 1984

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

**P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF**

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
7th Revised Sheet 82
Replacing 6th Revised Sheet 82

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.3 Voice Grade(1) Service-(Continued)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	(CP)
D. Optional Features, BSEs and Functions-(Continued)				
4. Improved Return Loss				
- Per two-wire point of termination	1RL2W	\$5.40	None	
5. Improved Termination				
- Per four-wire point of termination	1RI4W	5.40	None	
6. Improved Echo Control				
- Per Two-Wire WAL(1) point of termination	ORH	None	\$172.00	(CP)
7. Improved equal Level Echo Path Loss				
- Per Point of termination	UHZ	None	None	
8. Multiplexing				
Voice to Telegraph Grade (43-Type Carrier)(1)				(CP)
- Per arrangement	MQX	52.20	None	
9. Data Capability				
- Per point of termination	XDCPT	7.25	\$236.00	
10. Improved Envelope Delay Distortion (IEDD)				
- per point of termination	UHY	47.90	None	

(1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024. (AT)

Issued: May 28, 2021

Effective: June 30, 2021

By CRAIG UNRUH, President - Missouri
St. Louis, Missouri

FILED
Missouri Public
Service Commission
JI-2021-0210

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

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

Access Services Tariff
Section 7
6th Revised Sheet 82
Replacing 5th Revised Sheet 82

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)			
4. Improved Return Loss			
- Per two-wire point of termination	1RL2W	(CR) \$5.40	None
5. Improved Termination			
- Per four-wire point of termination	1RI4W	(CR) 5.40	None
6. Improved Echo Control			
- Per Two-Wire WAL point of termination	ORH	None	(CR)\$172.00
7. Improved equal Level Echo Path Loss			
- Per Point of termination	UHZ	None	None
8. Multiplexing			
Voice to Telegraph Grade (43-Type Carrier)			
- Per arrangement	MQX	(CR)52.20	None
9. Data Capability			
- Per point of termination	XDCPT	(CR) 7.25	(CR)\$236.00
10. Improved Envelope Delay Distortion (IEDD)			
- per point of termination	UHY	(CR)47.90	None

Issued: **MAY 26, 2000**

Effective: **JUNE 25, 2000**

By JAN NEWTON, President-Missouri
Southwestern Bell Telephone Company
St. Louis, Missouri

CANCELLED
June 30, 2021
Missouri Public
Service Commission
JI-2021-0210

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

Access Services Tariff
Section 7
5th Revised Sheet 82
Replacing 4th Revised Sheet 82

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>
(AT) D. Optional Features, BSEs and Functions-(Continued)			
4. Improved Return Loss			
- Per two-wire point of termination	1RL2W	\$5.00	None
5. Improved Termination			
- Per four-wire point of termination	1R14W	5.00	None
6. Improved Echo Control			
- Per Two-Wire WAL point of termination	ORH	None	\$160.00
7. Improved equal Level Echo Path Loss			
- Per Point of termination	UHZ	None	None
8. Multiplexing Voice to Telegraph Grade (43-Type Carrier)			
- Per arrangement	MQX	48.55	None
9. Data Capability			
- Per point of termination	XDCPT	6.75	\$220.00
10. Improved Envelope Delay Distortion (IEDD)			
- per point of termination	UHY	45.55	None

CANCELLED

JUN 25 2000

648582
Public Service Commission
MISSOURI

Issued:

MAR 26 1993

Effective:

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

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APR 11 1993

APR 11 1993

92-301

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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 82
Replacing 3rd Revised Sheet 82

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE--(Continued)

FEB 20 1990

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>
(FC)	D. Optional Features and Functions--(Continued)			
	4. Improved Return Loss			
(AT)	- Per two-wire point of termination	1RL2W	\$5.00	None
(CT)	5. Improved Termination			
(CT)	- Per four-wire point of termination	1R14W	5.00	
(FC)	6. Improved Echo Control			
	- Per Two-Wire WAL point of termination	ORH	None	\$160.00
(AT)	7. Improved equal Level Echo Path Loss			
(AT)	- Per Point of termination	UH2	None	None
(FC)	8. Multiplexing			
	Voice to Telegraph Grade (43-Type Carrier)			
	- Per arrangement	HQX	48.55	None
(FC)	9. Data Capability			
	- Per point of termination	XDCPT	6.75	\$220.00
(AT)	10. Improved Envelope Delay Distortion (IEDD)			
(AT)	- per point of termination	UHY (NR)	45.55	None

CANCELLED
APR 11 1993
BY None R.S. #82
Public Service Commission
MISSOURI

Issued: FEB 22 1990

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

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

Access Services Tariff
Section 7
3rd Revised Sheet 82
Replacing 2nd Revised Sheet 82

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-(Continued)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
C. Optional Features and Functions-(Continued)			
4. Improved Return Loss			
- Per point of termination			
- Two-Wire	1RL2W	\$ 5.00	None
- Four-Wire	1RL4W	5.00	None
5. Improved Echo Control			
- Per Two-Wire WAL point of termination	ORH	None	(CR) \$160.00
6. Multiplexing			
Voice to Telegraph Grade (43-Type Carrier)			
- Per arrangement	MOX	(CR) 48.55	None
7. Data Capability			
- Per point of termination	XDCPT	(CR) 6.75	(CR) \$220.00

CANCELLED

MAR 26 1990

BY 4th R.S. 82

Public Service Commission
MISSOURI

FILED

Issued: SEP 25 1989

Effective: OCT 1 1989

OCT 1 1989

By R. D. BARRON, President-Missouri Division, 89-14
Southwestern Bell Telephone Company Public Service Commission
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 82
Replacing 1st Revised Sheet 82

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 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)				
(FC)	4. Improved Return Loss			
	- Per point of termination			
	- Two-Wire	1RL2W	\$ 5.00	None
	- Four-Wire	1RL4W	5.00	None
(AT)	5. Improved Echo Control			
(AT)	- Per Two-Wire WAL			
(NR)	point of termination	ORH	None	None
(FC)	6. Multiplexing			
	Voice to Telegraph Grade (43-Type Carrier)			
	- Per arrangement	MOX	77.94	None
(FC)	7. Data Capability			
	- Per point of termination	XDCPT	5.90	\$234.00

CANCELLED

OCT 1 1989
BY *B.S.#82*
Public Service Commission
MISSOURI

FILED

OCT 16 1987
TO-87-42
Public Service Commission

Issued: OCT 14 1987.

Effective: OCT 16 1987.

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 82
Replacing Original Sheet 82

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Voice Grade Service-(Continued)

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JUN 27 1986
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Public Service Commission

Monthly Rates

USOC

C. Optional Features and Functions-(Continued)

3. Improved Return Loss

- Per point of termination

- Two-Wire
- Four-Wire

1RL2W	\$ 5.00	
1RL4W	5.00	

4. Multiplexing

Voice to Telegraph Grade
(43-Type Carrier)

- Per arrangement

MQX	77.94	None
-----	-------	------

5. Data Capability

- Per point of termination

XDCPT	5.90	\$234.00
-------	------	----------

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OCT 16 1987
BY 202RS #82
Public Service Commission
MISSOURI
None
None

FILED
JUL 1 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 82

ACCESS SERVICES

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)

4. Program Audio 4 (AP4) Special Access Service-(Continued)

d. Transmission Performance-(Continued)

- 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 67 dB. The received power 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>
2PG2-1	2PG2-1	2PG2-1	2PG1-1
4DS9-15H(1)	2PG2-1	4DS9-15H(1)	2PG1-1

D. Reserved For Future Use

CANCELLED

JUL 1 1986

BY J.R.S. 82
PUBLIC SERVICE COMMISSION
OF MISSOURI

FILED
JAN 1 1984
83 - 253

(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.

Issued: DEC 29 1983

Effective: JAN 0 1 1984

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

**P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF**

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
7th Revised Sheet 83
Replacing 6th Revised Sheet 83

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.3 Voice Grade(1) Service-(Continued)

(CP)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
D. Optional Features, BSEs and Functions-(Continued)			
11. Signaling Capability			
- Per point of termination	XSS++	\$20.75	None
- In lieu of ++, substitute appropriate two digit code from following list to specify type of signaling.			

- AB
- AC
- CT
- DX
- DY
- EA
- EB
- EC
- EX
- GO
- GS
- LA
- LB
- LC
- LO
- LR
- LS
- RV
- SF

(1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

(AT)
|
(AT)

Issued: May 28, 2021

By CRAIG UNRUH, President - Missouri
St. Louis, Missouri

Effective: June 30, 2021

FILED
Missouri Public
Service Commission
JI-2021-0210

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

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

Access Services Tariff
Section 7
6th Revised Sheet 83
Replacing 5th Revised Sheet 83

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)			

11. Signaling Capability

- Per point of termination	XSS++	(CR)\$20.75	None
----------------------------	-------	-------------	------

- In lieu of ++, substitute appropriate two digit code from following list to specify type of signaling.

- AB
- AC
- CT
- DX
- DY
- EA
- EB
- EC
- EX
- GO
- GS
- LA
- LB
- LC
- LO
- LR
- LS
- RV
- SF

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

CANCELLED
June 30, 2021
Missouri Public
Service Commission
JI-2021-0210

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

Access Services Tariff
Section 7
5th Revised Sheet 83
Replacing 4th Revised Sheet 83

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE--(Continued)

7.4 Rates and Charges--(Continued)

7.4.3 Voice Grade Service--(Continued)

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Public Service Commission

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

11. Signaling Capability

- Per point of termination

USOC

Monthly Rates

Nonrecurring Charges

XSS++

\$19.32

None

- In lieu of ++, substitute appropriate two digit code from following list to specify type of signaling.

- AB
- AC
- CT
- DX
- DY
- EA
- EB
- EC
- EX
- GO
- GS
- LA
- LB
- LC
- LO
- LR
- LS
- RV
- SF

CANCELLED

JUN 25 2000

By 64 RS 83
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
4th Revised Sheet 83
Replacing 3rd Revised Sheet 83

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

FEB 20 1990

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>
(FC) D. Optional Features and Functions-(Continued)			
(FC) 11. Signaling Capability			
- Per point of termination	XSS++	\$19.32	None
- In lieu of ++, substitute appropriate two digit code from following list to specify type of signaling.			

- AB
- AC
- CT
- DX
- DY
- EA
- EB
- EC
- EX
- GO
- GS
- LA
- LB
- LC
- LO
- LR
- LS
- RV
- SF

CANCELLED
APR 11 1993
BY 5th R.S. #83
Public Service Commission
MISSOURI

Issued: FEB 22 1990

Effective: MAR 26 1990

FILED

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 canceling this tariff.

Access Services Tariff
Section 7
3rd Revised Sheet 83
Replacing 2nd Revised Sheet 83

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

SEP 25 1989

(FC) 7.4 Rates and Charges-(Continued)

MISSOURI
Public Service Commission

(FC) 7.4.3 Voice Grade Service-(Continued)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
C. Optional Features and Functions-(Continued)			
8. Signaling Capability			
- Per point of termination	XSS++	\$19.32	None
- In lieu of ++, substitute appropriate two digit code from following list to specify type of signaling.			

- AB
- AC
- CT
- DX
- DY
- EA
- EB
- EC
- EX
- GO
- GS
- LA
- LB
- LC
- LO
- LR
- LS
- RV
- SF

CANCELLED

MAR 26 1990
BY 40 R.S.# 83
Public Service Commission
MISSOURI

Issued: SEP 25 1989

Effective: OCT 1 1989

FILED

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
2nd Revised Sheet 83
Replacing 1st Revised Sheet 83

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Voice Grade Service-(Continued)

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OCT 13 1987

MISSOURI
Public Service Commission

C. Optional Features and Functions-(Continued)

(FC) 8. Signaling Capability

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
- Per point of termination	XSS++	\$19.32	None

- In lieu of ++, substitute appropriate two digit code from following list to specify type of signaling.

- AB
- AC
- CT
- DX
- DY
- EA
- EB
- EC
- EX
- GO
- GS
- LA
- LB
- LC
- LO
- LR
- LS
- RV
- SF

CANCELLED

OCT 1 1989
BY 2nd RS # 83
Public Service Commission
MISSOURI

FILED

OCT 16 1987

70-87-42
Public Service Commission

Issued: OCT 14 1987

Effective: OCT 16 1987.

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 83

DEC 29 1983

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

Public Service Commission

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

7.2.1 Analog Services-(Continued)

E. Wideband Analog Services

1. Wideband Analog 1 (WAI) Special Access Service

a. Description

Special Access Service WAI provides a high capacity channel with a bandwidth from 60 kHz to 108 kHz for the transmission of a wideband signal between an IC terminal location and an End User's premises, between IC terminal locations or between an IC terminal location and a Telephone Company-designated Hub where multiplexing is offered.

b. Illustrative Application

Special Access Service WAI is suitable for the transmission of a 12-channel group.

c. Optional Feature

- Central office multiplexing.

d. Transmission Performance

- Nominal Bandwidth

60 kHz to 108 kHz with pilot slot reserved at 104.08 kHz.

CANCELLED

JUL 1 1986

BY R.S.83
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

**P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF**

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
6th Revised Sheet 84
Replacing 5th Revised Sheet 84

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.3 Voice Grade(3) Service-(Continued) (CP)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
D. Optional Features, BSEs and Functions-(Continued)			
12. Selective Signaling Arrangement			
Per point of termination	USZ	\$15.90	None
13. Transfer Arrangement (key activated(1))			
Per four port arrangement including control channel termination(2)	USY	32.10	None
Per five port arrangement including control channel termination(2)	US5	28.70	None

(1) The key activated control channel is rated as a metallic channel termination (use USOC T6EME in lieu of T6ECS) and channel mileage, if applicable (use USOC 1L5MX in lieu of 1L5XX).

(2) An additional Channel Termination Charge will apply whenever a spare channel is configured as a leg to the customer premises. Additional Channel Mileage Charges will also apply when the transfer arrangement is not located in the customer premises serving wire center.

(3) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

(AT)
|
(AT)

Issued: May 28, 2021

Effective: June 30, 2021

By CRAIG UNRUH, President - Missouri
St. Louis, Missouri

FILED
Missouri Public
Service Commission
JI-2021-0210

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

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

Access Services Tariff
Section 7
5th Revised Sheet 84
Replacing 4th Revised Sheet 84

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)			
12. Selective Signaling Arrangement			
Per point of termination	USZ	(CR)\$15.90	None
13. Transfer Arrangement (key activated(1))			
Per four port arrangement including control channel termination(2)	USY	(CR)32.10	None
Per five port arrangement including control channel termination(2)	US5	(CR)28.70	None

- (1) The key activated control channel is rated as a metallic channel termination (use USOC T6EME in lieu of T6ECS) and channel mileage, if applicable (use USOC 1L5MX in lieu of 1L5XX).
- (2) An additional Channel Termination Charge will apply whenever a spare channel is configured as a leg to the customer premises. Additional Channel Mileage Charges will also apply when the transfer arrangement is not located in the customer premises serving wire center.

Issued: **MAY 26, 2000**

Effective: **JUNE 25, 2000**

By JAN NEWTON, 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
4th Revised Sheet 84
Replacing 3rd Revised Sheet 84

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>
(C)(AT) D. Optional Features, BSEs and Functions-(Continued)			
(C) 12. Selective Signaling Arrangement			
Per point of termination	USZ	\$14.79	None
(C) 13. Transfer Arrangement (key activated(1))			
Per four port arrangement including control channel termination(2)	USY	29.85	None
Per five port arrangement including control channel termination(2)	US5	26.69	None

CANCELLED

JUN 25 2000
By *54 RS 84*
Public Service Commission
MISSOURI

- (1) The key activated control channel is rated as a metallic channel termination (use USOC T6EME in lieu of T6ECS) and channel mileage, if applicable (use USOC 1L5MX in lieu of 1L5XX).
- (2) An additional Channel Termination Charge will apply whenever a spare channel is configured as a leg to the customer premises. Additional Channel Mileage Charges will also apply when the transfer arrangement is not located in the customer premises serving wire center.

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 84
Replacing 2nd Revised Sheet 84

ACCESS SERVICES

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SEP 25 1989

7. SPECIAL ACCESS SERVICE--(Continued)

(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)			
9. Selective Signaling Arrangement			
Per point of termination	USZ	\$14.79	None
10. Transfer Arrangement (key activated(1))			
Per four port arrangement including control channel termination(2)			
	USY	29.85	None
Per five port arrangement including control channel termination(2)			
	USS	26.69	None

CANCELLED

APR 11 1993

BY 4th R.S. #84

Public Service Commission
MISSOURI

(1) The key activated control channel is rated as a metallic channel termination (use USOC T6EME in lieu of T6ECS) and channel mileage, if applicable (use USOC 1L5MX in lieu of 1L5XX). (2) An additional Channel Termination Charge will apply whenever a spare channel is configured as a leg to the customer premises. Additional Channel Mileage Charges will also apply when the transfer arrangement is not located in the customer premises serving wire center.

FILED

Issued: SEP 25 1989

Effective: OCT 1 1989 OCT 1 1989
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
2nd Revised Sheet 84
Replacing 1st Revised Sheet 84

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

OCT 13 1987

7.5 Rates and Charges(Continued)

MISSOURI

7.5.3 Voice Grade Service(Continued)

Public Service Commission

		<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
C. Optional Features and Functions(Continued)				
(FC)	9. Selective Signaling Arrangement			
	Per point of termination	USZ	\$14.79	None
(FC)	10. Transfer Arrangement (key activated(1))			
	Per four port arrangement including control channel termination(2)	USY	29.85	None
	Per five port arrangement including control channel termination(2)	US5	26.69	None

CANCELLED

OCT 1 1989

BY *[Signature]* R.S.#84

Public Service Commission
MISSOURI

(1) The key activated control channel is rated as a metallic channel termination (use USOC T6EME in lieu of T6ECS) and channel mileage, if applicable (use USOC 1L5MX in lieu of 1L5XX). (2) An additional Channel Termination Charge will apply whenever a spare channel is configured as a leg to the customer premises. Additional Channel Mileage Charges will also apply when the transfer arrangement is not located in the customer premises serving wire center.

FILED

Issued: OCT 14 1987

Effective: OCT 16 1987

OCT 16 1987

70-87-42

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 84
Replacing Original Sheet 84

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges(Continued)

7.5.3 Voice Grade Service(Continued)

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JUN 27 1986
MISSOURI
Public Service Commission

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Charges</u>
C. Optional Features and Functions(Continued)			
7. Selective Signaling			
Arrangement			
Per point of termination	USZ	\$14.79	None
8. Transfer Arrangement (key activated(1))			
Per four port arrangement including control channel termination(2)	USY	29.85	None
Per five port arrangement including control channel termination(2)	US5	26.69	None

CANCELLED
OCT 16 1987
BY *ZWR/BS #84*
Public Service Commission
MISSOURI

(1) The key activated control channel is rated as a metallic channel termination (use USOC T6EME in lieu of T6ECS) and channel mileage, if applicable (use USOC 1L5MX in lieu of 1L5XX). (2) An additional Channel Termination Charge will apply whenever a spare channel is configured as a leg to the customer premises. Additional Channel Mileage Charges will also apply when the transfer arrangement is not located in the customer premises serving wire center.

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 84

CANCELLED

DEC 29 1983

MISSOURI

Public Service Commission

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

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

7.2.1 Analog Services-(Continued)

E. Wideband Analog Services-(Continued)

1. Wideband Analog 1 (WA1) Special Access Service-(Continued)

e. Available Facility Interface Combinations

<u>IC</u>	<u>End User</u>
4AH5-B	4AH5-B
4AH6-C(1)	4AH5-B
4AH6-D(1)	4AH5-B

2. Wideband Analog to Digital (WALT) Special Connector Service

a. Description

Special Access Service WALT provides two WA1 channels from an IC terminal location for connection to an HCl Special Access Service at a Telephone Company-designated Hub location via a Group to DS1 multiplexer. The HCl service may only be extended to another Hub for multiplexing to voice or other service.

b. Illustrative Application

Special Access Service WALT is suitable for the transmission of 24 channels connected via multiplexing to 24 DS1 channels.

CANCELLED

JUL 1 1986

BY JRS.84
PUBLIC SERVICE COMMISSION
OF MISSOURI

FILED

JAN 1 1984

83-253

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.

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 85
Replacing 1st Revised Sheet 85

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

(FC) 7.4 Rates and Charges-(Continued)

(RT)

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

(RT)

Issued: September 25, 1989

Effective: October 1, 1989

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 85
Replacing Original Sheet 85

(CP)ACCESS SERVICES

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JUN 27 1986
MISSOURI
Public Service Commission

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.4 Program Audio Service

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
A. Channel Termination			
- Per point of termination			
- 200 to 3500 Hz	T6ECS	\$ 18.37	\$49.20
- 100 to 5000 Hz	T6ECS	36.66	49.20
- 50 to 8000 Hz	T6ECS	35.69	49.20
- 50 to 15000 Hz	T6ECS	55.34	49.20

1. Inside Wire Charge
- Per Channel Termination

WMJ None None

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OCT 1 1989
BY *[Signature]* R.S.#85
Public Service Commission
MISSOURI

	<u>Monthly Rates</u>	
	<u>Fixed</u>	<u>Per Mile</u>

B. Channel Mileage

1. 200 to 3500 Hz

Mileage Bands

0	1L5XX	None	None
Over 0 to 4	1L5XX	\$11.66	\$3.35
Over 4 to 8	1L5XX	11.66	3.18
Over 8 to 25	1L5XX	11.66	2.93
Over 25 to 50	1L5XX	30.80	2.35
Over 50	1L5XX	33.63	2.35

2. 100 to 5000 Hz

Mileage Bands

0	1L5XX	None	None
Over 0 to 4	1L5XX	19.01	5.06
Over 4 to 8	1L5XX	19.01	5.06
Over 8 to 25	1L5XX	23.30	4.42
Over 25 to 50	1L5XX	39.03	3.82
Over 50	1L5XX	44.12	3.73

RECEIVED
JUN 27 1986
MISSOURI
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 85

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MISSOURI
Public Service Commission

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

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

7.2.1 Analog Services-(Continued)

E. Wideband Analog Services-(Continued)

2. Wideband Analog to Digital (WALT) Special Access Service-(Continued)

c. Optional Feature

- Central office multiplexing.

d. Transmission Performance

Provides two Special Access WA1 channels each with the performance shown for WA1 in Paragraph 7.2.1, E.1.d., preceding.

NOTE: The Access Connection and Special Transport rate elements for WA1 apply for WALT. Two of each are required.

3. Wideband Analog 2 (WA2) Special Access Service

a. Description

Special Access Service WA2 provides a high capacity channel with a bandwidth from 312 kHz to 552 kHz for the transmission of a wideband signal between an IC terminal location and an End User's premises or between IC terminal locations or between an IC terminal location and a Telephone Company-designated Hub where multiplexing is offered.

b. Illustrative Application

Special Access Service WA2 is suitable for the transmission of a 60-channel supergroup.

c. Optional Feature

- Central office multiplexing

CANCELLED

JUL 1 1986

BY LS R.S. 85
PUBLIC SERVICE COMMISSION

OF MISSOURI

FILED

JAN 1 1984

83-253

Public Service Commission

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
2nd Revised Sheet 86
Replacing 1st Revised Sheet 86

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

(FC) 7.4 Rates and Charges-(Continued)

(RT)

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

(RT)

Issued: September 25, 1989

Effective: October 1, 1989

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.

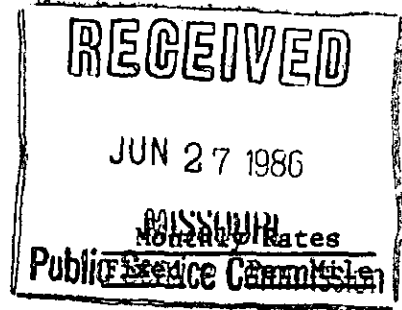
Access Services Tariff
Section 7
1st Revised Sheet 86
Replacing Original Sheet 86

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.4 Program Audio Service-(Continued)



B. Channel Mileage-(Continued)

USOC

3. 50 to 8000 Hz

Mileage Bands

Mileage Bands	USOC	Monthly Rates	Nonrecurring Charges
0	1L5XX	None	None
Over 0 to 4	1L5XX	\$23.33	\$ 6.07
Over 4 to 8	1L5XX	23.33	6.07
Over 8 to 25	1L5XX	23.70	6.03
Over 25 to 50	1L5XX	46.85	5.10
Over 50	1L5XX	46.85	5.10

4. 50 to 15000 Hz

Mileage Bands

Mileage Bands	USOC	Monthly Rates	Nonrecurring Charges
0	1L5XX	None	None
Over 0 to 4	1L5XX	26.56	11.78
Over 4 to 8	1L5XX	26.56	11.78
Over 8 to 25	1L5XX	36.44	10.55
Over 25 to 50	1L5XX	68.19	9.28
Over 50	1L5XX	68.19	9.28

CANCELLED

OCT 1 1989

By *R.D. Barron*
Public Service Commission
MISSOURI

C. Optional Features and Functions

USOC Monthly Rates Nonrecurring Charges

1. Bridging, Distribution Amplifier

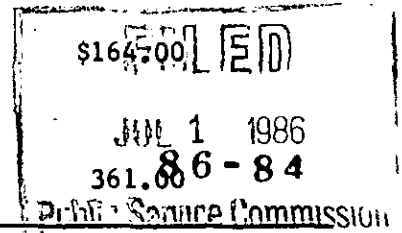
- Per Port BCNPT \$17.54 None

2. Gain Conditioning

- Per service XGC 5.21

3. Stereo

- Per service XSC None



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 86

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DEC 29 1983

ACCESS SERVICES

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)

E. Wideband Analog Services-(Continued)

3. Wideband Analog 2 (WA2) Special Access Service-(Continued)

d. Transmission Performance

- Nominal Bandwith

312 kHz to 552 kHz with pilot slot reserved at 315.92 kHz.

e. Available Facility Interface Combinations

<u>IC</u>	<u>End User</u>
4AH6-C	4AH6-C
4AH6-D(1)	4AH6-C(2)

- (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) Available only via a Telephone Company-designated Hub where multiplexing is offered.

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BY 1st R.S. 86
PUBLIC SERVICE COMMISSION

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

P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
3rd Revised Sheet 87
Replacing 2nd Revised Sheet 87

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

(RT)

(RT)

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Access Services Tariff
Section 7
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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

(FC) 7.4 Rates and Charges-(Continued)

(FC) 7.4.4 Wideband Analog Service

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
A. Channel Termination			
- Per point of termination			
- 60 kHz - 108 kHz	TWT++	ICB	ICB
- 312 kHz - 552 kHz	TWT++	ICB	ICB
- 564 kHz - 3084 kHz	TWT++	ICB	ICB
- 300 kHz - 18 kHz	TWT++	ICB	ICB
- 29 kHz - 44 kHz	TWT++	ICB	ICB

	<u>USOC</u>	<u>Monthly Rate</u>	
		<u>Fixed</u>	<u>Per Mile</u>

B. Channel Mileage

1. 60 kHz - 108 kHz

Mileage Bands

0	1L0++	None	None
Over 0 to 4	1L0++	ICB	ICB
Over 8 to 25	1L0++	ICB	ICB
Over 25 to 50	1L0++	ICB	ICB
Over 50	1L0++	ICB	ICB

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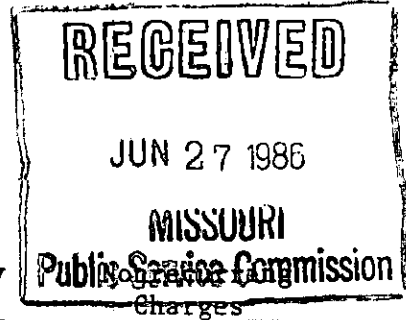
Access Services Tariff
Section 7
1st Revised Sheet 87
Replacing Original Sheet 87

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.5 Wideband Analog Service



A. Channel Termination

- Per point of termination

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Charges</u>
- 60 kHz - 108 kHz	TWT++	ICB	ICB
- 312 kHz - 552 kHz	TWT++	ICB	ICB
- 564 kHz - 3084 kHz	TWT++	ICB	ICB
- 300 kHz - 18 kHz	TWT++	ICB	ICB
- 29 kHz - 44 kHz	TWT++	ICB	ICB

USOC Monthly Rates
Fixed Per Mile

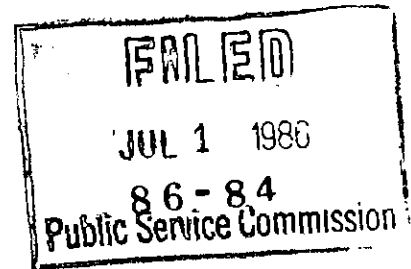
B. Channel Mileage

1. 60 kHz - 108 kHz

Mileage Bands

0	1L0++	None	None
Over 0 to 4	1L0++	ICB	ICB
Over 4 to 8	1L0++	ICB	ICB
Over 8 to 25	1L0++	ICB	ICB
Over 25 to 50	1L0++	ICB	ICB
Over 50	1L0++	ICB	ICB

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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)

Public Service Commission

7.2.1 Analog Services-(Continued)

F. Dedicated Access Line Service (DALS)

1. Description

Special Access Dedicated Access Line Service provides a channel for voice frequency transmission capability. The service provides a connection between an End User's premises (which for purposes of this Tariff includes Centrex CO switches) and a Telephone Company switching office capable of performing the necessary screening functions for 800 Service, WATS or similar services.

Dedicated Access Line Service is provided for either originating calling only or terminating calling only. It is provided with rotary dial or dual tone multifrequency address signaling and either loop-start or ground-start supervisory signaling (i.e., facility interfaces). The choice of the type of signaling is at the option of the IC.

Service is provided as either effective two-wire or effective four-wire transmission paths. Each transmission path is provided with a standard transmission performance and Data Transmission Parameters as set forth in Paragraph 7.2.1, F.4.a. and b., following. Should the IC experience trouble transmitting data over these transmission paths, the Telephone Company will test the lines, either independently or cooperatively with the IC, as appropriate, and take any necessary action to insure that the Data Transmission Parameters set forth in Paragraph 7.2.1, F.4.b., following, are met. The testing will be charged for at the rates set forth in Section 13, Paragraph 13.3.5, C.2.b., following, for nonscheduled testing.

Dedicated Access Line Service may be provided to an IC in connection with the provisions of WATS or WATS-like service as follows:

- Jointly with the Telephone Company-providing intraLATA and the IC-providing interLATA calling as specified in the Wide Area Telecommunications Service Tariff.
- Solely by the IC in this arrangement, intraLATA calls completed over facilities wholly provided by the Telephone Company will be billed at established Long Distance Service rates. In addition, this arrangement is not available for 800 Service until intraLATA calls can be distinguished from interLATA calls.

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Southwestern Bell Telephone
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Section 7
3rd Revised Sheet 88
Replacing 2nd Revised Sheet 88

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

(RT)

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

(FC) 7.4 Rates and Charges-(Continued)

(FC) 7.4.4 Wideband Analog Service-(Continued)

B. Channel Mileage-(Continued)

	<u>USOC</u>	<u>Monthly</u> <u>Fixed</u>	<u>Rates</u> <u>Per Mile</u>
2. 312 kHz - 552 kHz			
Mileage Bands			
0	1L0++	None	None
Over 0 to 4	1L0++	ICB	ICB
Over 4 to 8	1L0++	ICB	ICB
Over 8 to 25	1L0++	ICB	ICB
Over 25 to 50	1L0++	ICB	ICB
Over 50	1L0++	ICB	ICB
3. 564 kHz - 3084 kHz			
Mileage Bands			
0	1L0++	None	None
Over 0 to 4	1L0++	ICB	ICB
Over 4 to 8	1L0++	ICB	ICB
Over 8 to 25	1L0++	ICB	ICB
Over 25 to 50	1L0++	ICB	ICB
Over 50	1L0++	ICB	ICB
4. 300 Hz - 18 kHz			
Mileage Bands			
0	1L0++	None	None
Over 0 to 4	1L0++	ICB	ICB
Over 4 to 8	1L0++	ICB	ICB
Over 8 to 25	1L0++	ICB	ICB
Over 25 to 50	1L0++	ICB	ICB
Over 50	1L0++	ICB	ICB

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Access Services Tariff
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(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.5 Wideband Analog Service-(Continued)

B. Channel Mileage-(Continued)

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	USOC	Monthly Rates	
		Fixed	Per Mile
2. 312 kHz - 552 kHz			
<u>Mileage Bands</u>			
0	1L0++	None	None
Over 0 to 4	1L0++	ICB	ICB
Over 4 to 8	1L0++	ICB	ICB
Over 8 to 25	1L0++	ICB	ICB
Over 25 to 50	1L0++	ICB	ICB
Over 50	1L0++	ICB	ICB
3. 564 kHz - 3084 kHz			
<u>Mileage Bands</u>			
0	1L0++	None	None
Over 0 to 4	1L0++	ICB	ICB
Over 4 to 8	1L0++	ICB	ICB
Over 8 to 25	1L0++	ICB	ICB
Over 25 to 50	1L0++	ICB	ICB
Over 50	1L0++	ICB	ICB
4. 300 Hz - 18 kHz			
<u>Mileage Bands</u>			
0	1L0++	None	None
Over 0 to 4	1L0++	ICB	ICB
Over 4 to 8	1L0++	ICB	ICB
Over 8 to 25	1L0++	ICB	ICB
Over 25 to 50	1L0++	ICB	ICB
Over 50	1L0++	ICB	ICB

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BY *gms* R.S.#88
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Access Services Tariff
Section 7
Original Sheet 88

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

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

7.2.1 Analog Services-(Continued)

F. Dedicated Access Line Service (DALS)-(Continued)

2. Application

Dedicated Access Line Service is provided only for use with Feature Group C or D Switched Access Service. It is for use at the closed end of an 800 Service or WATS-type service.

3. Optional Features

- Two-Wire Improved Voice Transmission Performance (guaranteed performance levels are set forth in Paragraph 7.2.1, F.4.b., following).
- Four-Wire Improved Voice Transmission Performance (guaranteed performance levels are set forth in Paragraph 7.2.1, F.4.c., following).
- Certain other features which may be provided in connection with Dedicated Access Line Service are available under the Telephone Company's Local and/or General Exchange Service Tariffs. These are:
 - End User's access to Telephone Company's test lines
 - Speed Calling
 - Remote Call Forwarding
 - Directory Numbers (with trunk side terminations)

4. Transmission Performance

a. Standard Transmission Performance

- Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the expected Measured Loss (EML) is + 4.0 dB.

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ACCESS SERVICES TARIFF

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
4th Revised Sheet 89
Replacing 3rd Revised Sheet 89

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

(RT)

(RT)

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Access Services Tariff
Section 7
3rd Revised Sheet 89
Replacing 2nd Revised Sheet 89

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.4 Wideband Analog Service-(Continued)

B. Channel Mileage-(Continued)

	<u>USOC</u>	<u>Monthly Fixed</u>	<u>Rates Per Mile</u>
5. 29 kHz - 44 kHz			
Mileage Bands			
0	1L0++	None	None
Over 0 to 4	1L0++	ICB	ICB
Over 4 to 8	1L0++	ICB	ICB
Over 8 to 25	1L0++	ICB	ICB
Over 25 to 50	1L0++	ICB	ICB
Over 50	1L0++	ICB	ICB

(AT) D. Optional Features, BSEs and Functions

1. Multiplexing

a. Mastergroup to Supergroup

- Per arrangement MQ9++ ICB None

b. Supergroup to Group

- Per arrangement MQS++ ICB None

c. Group to Voice(1)

- Per arrangement MQV++ ICB None

d. Group to DS1(2)

- Per arrangement MQG++ ICB None

(1) Requires two 60-108 kHz channel terminations and channel mileage, one 1.544 Mbps channel mileage and either a 1.544 Mbps channel termination or a DS1 to voice multiplexing optional feature, depending on whether the service terminates at a customer's premises or was purchased as a facility to a Telephone Company Hub for multiplexing to voice grade.

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St. Louis, Missouri

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Access Services Tariff
Section 7
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ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

(FC) 7.4 Rates and Charges-(Continued)

(FC) 7.4.4 Wideband Analog Service-(Continued)

B. Channel Mileage-(Continued)

	USOC	Monthly Rates	
		Fixed	Per Mile
5. 29 kHz - 44 kHz			
<u>Mileage Bands</u>			
0	1LO++	None	None
Over 0 to 4	1LO++	ICB	ICB
Over 4 to 8	1LO++	ICB	ICB
Over 8 to 25	1LO++	ICB	ICB
Over 25 to 50	1LO++	ICB	ICB
Over 50	1LO++	ICB	ICB

D. Optional Features and Functions

1. Multiplexing

a. Mastergroup to Supergroup - Per arrangement	MQ9++	ICB	None
b. Supergroup to Group - Per arrangement	MQS++	ICB	None
c. Group to Voice - Per arrangement	MQV++	ICB	None
d. Group to DS1(1) - Per arrangement	MQG++	ICB	None

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(RT)

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(1) Requires two 60-108 kHz channel terminations and channel mileage, one 1.544 Mbps channel mileage and either a 1.544 Mbps channel termination or a DS1 to voice multiplexing optional feature, depending on whether the service terminates at a customer's premises or was purchased as a facility to a Telephone Company Hub for multiplexing to voice grade.

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Access Services Tariff
Section 7
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Replacing Original Sheet 89

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.5 Wideband Analog Service-(Continued)

B. Channel Mileage-(Continued)



5. 29 kHz - 44 kHz

Mileage Bands

	USOC	Monthly Rates	
		Fixed	Per Mile
0	1L0++	None	None
Over 0 to 4	1L0++	ICB	ICB
Over 4 to 8	1L0++	ICB	ICB
Over 8 to 25	1L0++	ICB	ICB
Over 25 to 50	1L0++	ICB	ICB
Over 50	1L0++	ICB	ICB

D. Optional Features and Functions.

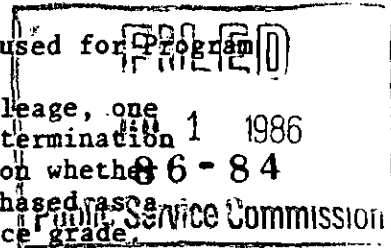
1. Multiplexing

a. Mastergroup to Supergroup - Per arrangement	MQ9++	ICB	None
b. Supergroup to Group - Per arrangement	MQS++	ICB	None
c. Group to Voice(1) - Per arrangement	MQV++	ICB	None
d. Group to DS1(2) - Per arrangement	MQG++	ICB	None

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OCT 1 1989
BY *gms* R.S.#89
Public Service Commission
MISSOURI

- (1) A channel(s) of this Group Level Service to the Hub can be used for **Program** Audio Service.
- (2) Requires two 60-108 kHz channel terminations and channel mileage, one 1.544 Mbps channel mileage and either a 1.544 Mbps channel termination or a DS1 to voice multiplexing optional feature, depending on whether the service terminates at a customer's premises or was purchased as a facility to a Telephone Company Hub for multiplexing to voice grade.



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Access Services Tariff
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ACCESS SERVICES

DEC 29 1983

7. SPECIAL ACCESS SERVICE-(Continued)

MISSOURI

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

Public Service Commission

7.2.1 Analog Services-(Continued)

F. Dedicated Access Line Service (DALs)-(Continued)

4. Transmission Performance-(Continued)

a. Standard Transmission Performance-(Continued)

- Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to the loss at 1004 Hz is -3.0 dB to +9.0 dB.

- C-Message Noise

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

<u>Route Miles</u>	<u>C-Message Noise</u>
0 to 50	35 dBrnCO
51 to 100	37 dBrnCO
101 to 200	40 dBrnCO
201 to 400	43 dBrnCO
401 to 1000	45 dBrnCO

- Echo Path Loss

When provided in association with a two-wire interface, the Echo Path Loss, expressed as Echo Return Loss (ERL) and Singing Return Loss (SRL), is equal to or greater than:

ERL 6.0 dB
SRL 3.0 dB

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Southwestern Bell Telephone
Company d/b/a AT&T Missouri

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Replacing 2nd Revised Sheet 90

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

(RT)

(RT)

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

(FC) 7.4 Rates and Charges-(Continued)

(FC) 7.4.5 Wideband Data Service

	<u>USOC</u>	<u>Monthly Fixed</u>	<u>Rates Per Mile</u>
A. Channel Termination			
- Per point of termination			
- 19.2 or 18.75 kbps	TWT++	ICB	ICB
- 50.0 or 40.8 kbps	TWT++	ICB	ICB
- 230.4 kbps	TWT++	ICB	ICB

	<u>USOC</u>	<u>Monthly Fixed</u>	<u>Rates Per Mile</u>
B. Channel Mileage			
1. 19.2 or 18.75 kbps			
Mileage Bands			
0	1LO++	None	None
Over 0 to 4	1LO++	ICB	ICB
Over 4 to 8	1LO++	ICB	ICB
Over 8 to 25	1LO++	ICB	ICB
Over 25 to 50	1LO++	ICB	ICB
Over 50	1LO++	ICB	ICB

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7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.6 Wideband Data Service

A. Channel Termination

- Per point of termination

- 19.2 or 18.75 kbps	TWT++	ICB	ICB
- 50.0 or 40.8 kbps	TWT++	ICB	ICB
- 230.4 kbps	TWT++	ICB	ICB

USOC Monthly Rates

 Nonreciprocal Charges

B. Channel Mileage

1. 19.2 or 18.75 kbps

Mileage Bands

0	1LO++	None	None
Over 0 to 4	1LO++	ICB	ICB
Over 4 to 8	1LO++	ICB	ICB
Over 8 to 25	1LO++	ICB	ICB
Over 25 to 50	1LO++	ICB	ICB
Over 50	1LO++	ICB	ICB

USOC Monthly Rates
 Fixed Per Mile

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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)

F. Dedicated Access Line Service (DALs)-(Continued)

4. Transmission Performance-(Continued)

b. Data Transmission Parameters

- Signal to C-Notched Noise Ratio

The minimum Signal-to-C-Notched Noise Ratio is 30 dB.

- Envelope Delay Distortion

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

1000 microseconds	604 to 2804 Hz
500 microseconds	1000 to 2404 Hz

- Impulse Noise Counts

The Impulse Noise Counts exceeding a 67 dBrnC0 threshold in 15 minutes is no more than 15 counts.

- Intermodulation Distortion

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

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

- Phase Jitter

The Phase Jitter over the 4 to 300 Hz frequency band is less than or equal to 1.0 peak-to-peak.

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

(FC) 7.4 Rates and Charges-(Continued)

(FC) 7.4.5 Wideband Data Service-(Continued)

	<u>USOC</u>	<u>Monthly</u> <u>Fixed</u>	<u>Rates</u> <u>Per Mile</u>
B. Channel Mileage-(Continued)			
2. 50.0 or 40.8 kbps			
<u>Mileage Bands</u>			
0	1LO++	None	None
Over 0 to 4	1LO++	ICB	ICB
Over 4 to 8	1LO++	ICB	ICB
Over 8 to 25	1LO++	ICB	ICB
Over 25 to 50	1LO++	ICB	ICB
Over 50	1LO++	ICB	ICB

3. 230.4 kbps

<u>Mileage Bands</u>			
0	1LO++	None	None
Over 0 to 4	1LO++	ICB	ICB
Over 4 to 8	1LO++	ICB	ICB
Over 8 to 25	1LO++	ICB	ICB
Over 25 to 50	1LO++	ICB	ICB
Over 50	1LO++	ICB	ICB

Issued: September 25, 1989

Effective: October 1, 1989

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

CANCELLED
October 1, 2021
Missouri Public
Service Commission
JI-2022-0045

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

Access Services Tariff
Section 7
1st Revised Sheet 91
Replacing Original Sheet 91

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.6 Wideband Data Service-(Continued)

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	USOC	Monthly Rates	
		Fixed	Per Mile

B. Channel Mileage-(Continued)

2. 50.0 or 40.8 kbps

Mileage Bands

0	1LO++	None	None
Over 0 to 4	1LO++	ICB	ICB
Over 4 to 8	1LO++	ICB	ICB
Over 8 to 25	1LO++	ICB	ICB
Over 25 to 50	1LO++	ICB	ICB
Over 50	1LO++	ICB	ICB

3. 230.4 kbps

Mileage Bands

0	1LO++	None	None
Over 0 to 4	1LO++	ICB	ICB
Over 4 to 8	1LO++	ICB	ICB
Over 8 to 25	1LO++	ICB	ICB
Over 25 to 50	1LO++	ICB	ICB
Over 50	1LO++	ICB	ICB

CANCELLED
OCT 1 1989
BY *[Signature]* S.#91
Public Service Commission
MISSOURI

FILED
JUL 1 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 91

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

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

7.2.1 Analog Services-(Continued)

F. Dedicated Access Line Service (DALs)-(Continued)

4. Transmission Performance-(Continued)

b. Data Transmission Parameters-(Continued)

- Frequency Shift

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

c. Two-Wire Improved Voice Transmission Performance

- Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is -4.0 dB to +4.0 dB.

- Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to the loss at 1004 Hz is -2.0 dB to +6.0 dB.

- C-Message Noise

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

<u>Route Miles</u>	<u>C-Message Noise</u>
0 to 50	35 dBrnCO
51 to 100	37 dBrnCO
101 to 200	40 dBrnCO
201 to 400	43 dBrnCO
401 to 1000	45 dBrnCO

- Return Loss

The Return Loss, expressed as Echo Return Loss (ERL) and Singing Return Loss (SRL), is equal to or greater than:

ERL 10.0 dB
SRL 6.0 dB

BY

PUBLIC SERVICE COMMISSION

Effective JAN 01 1984

Issued: DEC 29 1983

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

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DEC 29 1983
MISSOURI
Public Service Commission

CANCELLED

JUL 1 1986

JAN 1 1984
83-258

P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
4th Revised Sheet 92
Replacing 3rd Revised Sheet 92

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

(RT)

(RT)

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

Issued: October 21, 2014

By JOHN SONDRAG, President - Missouri
St. Louis, Missouri

Effective: November 20, 2014

FILED
Missouri Public
Service Commission
JI-2015-0173

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

Access Services Tariff
Section 7
3rd Revised Sheet 92
Replacing 2nd Revised Sheet 92

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.5 Wideband Data Service-(Continued)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(AT) C. Optional Features, BSEs and Functions			
1. Key Activated Transfer Arrangement			
- Per four port arrangement including control channel termination(1)	UTK++	ICB	ICB
D. 303 Data Station			
- Per point of termination where provided	TDQ++	ICB	ICB

(1) The key activated control channel is rated as a metallic channel termination (use USOC T6EME in lieu of T6ECS) and channel mileage, if applicable (use USOC 1L5MX in lieu of 1L5XX).

Issued: March 26, 1993

Effective: April 11, 1993

CANCELED
November 20, 2014
Missouri Public
Service Commission
JI-2015-0173

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 92
Replacing 1st Revised Sheet 92

ACCESS SERVICES

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SEP 25 1989

MISSOURI
Public Service Commission

7. SPECIAL ACCESS SERVICE-(Continued)

(FC) 7.4 Rates and Charges-(Continued)

(FC) 7.4.5 Wideband Data Service-(Continued)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
C. Optional Features and Functions			
1. Key Activated Transfer Arrangement			
- Per four port arrangement including control channel termination(1)	UTK++	ICB	ICB
D. 303 Data Station			
- Per point of termination where provided	TDQ++	ICB	ICB

CANCELLED

APR 11 1993
BY 3rd R.S. # 92
Public Service Commission
MISSOURI

(1) The key activated control channel is rated as a metallic channel termination (use USOC T6EME in lieu of T6ECS) and channel mileage, if applicable (use USOC 1L5MX in lieu of 1L5XX).

FILED

Issued: SEP 25 1989

Effective: OCT 1 1989

OCT 1 1989

89-14

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 92
Replacing Original Sheet 92

(CP)ACCESS SERVICES

- 7. SPECIAL ACCESS SERVICE-(Continued)
- 7.5 Rates and Charges-(Continued)
- 7.5.6 Wideband Data Service-(Continued)

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MISSOURI
Public Service Commission

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
C. Optional Features and Functions			
1. Key Activated Transfer Arrangement			
- Per four port arrangement including control channel termination(1)	UTK++	ICB	ICB
D. 303 Data Station			
- Per point of termination where provided	TDQ++	ICB	ICB

CANCELLED
 OCT 1 1989
 BY *[Signature]*
 Public Service Commission
 MISSOURI

FILED

 JUL 1 1986
 86-84
Public Service Commission

(1) The key activated control channel is rated as a metallic channel termination (use USOC T6EME in lieu of T6ECS) and channel mileage, if applicable (use USOC 1LSMX in lieu of 1LSXX).

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 92

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

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

7.2.1 Analog Services-(Continued)

F. Dedicated Access Line Service (DALs)-(Continued)

4. Transmission Performance-(Continued)

d. Four-Wire Improved Voice Transmission Performance

- Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is -4.0 dB to +4.0 dB.

- Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to loss at 1004 Hz is -2.0 dB to +6.0 dB.

- C-Message Noise

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

<u>Route Miles</u>	<u>C-Message Noise</u>
0 to 50	35 dBrnCO
51 to 100	37 dBrnCO
101 to 200	40 dBrnCO
201 to 400	43 dBrnCO
401 to 1000	45 dBrnCO

- Echo Path Loss

The Echo Path Loss, expressed as Echo Return Loss (ERL) and Singing Return Loss (SRL) is equal or greater than:

ERL 16.0 dB
SRL 11.0 dB

CANCELLED

JUL 1 1986

RECEIVED

DEC 20 1983

Public Service Commission

FILED

JAN 1 1984

83-253

Public Service Commission

BY J.R.S. 90
PUBLIC SERVICE COMMISSION
OF MISSOURI

JAN 0 1 1984

Issued: DEC 29 1983

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

**P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF**

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
7th Revised Sheet 93
Replacing 6th Revised Sheet 93

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.6 MegaLink Data(2) Service

(CP)

	<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				
- 4.8 kbps(1)				
- 9.6 kbps(1)				
- 19.2 kbps	T6ECS	132.15	273.00	208.00
- 56.0 kbps(1)				
- 64.0 kbps (CC)	T6ECS	197.05	324.00	247.00

(RT)

			<u>Nonrecurring Charges</u>	
1. Inside Wire Charge				
- Per Channel Termination	WMJ	None	None	

	<u>USOC</u>	<u>Monthly Rates</u>	
		<u>Fixed</u>	<u>Per Mile</u>

B. Channel Mileage

1. 2.4 kbps(1)

(1) See Supplemental Schedule for current effective rates.

(2) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

(AT)

(AT)

Issued: May 28, 2021

Effective: June 30, 2021

By CRAIG UNRUH, President - Missouri
St. Louis, Missouri

FILED
Missouri Public
Service Commission
JI-2021-0210

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

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

Access Services Tariff
Section 7
6th Revised Sheet 93
Replacing 5th Revised Sheet 93

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.6 MegaLink Data 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					
(CP)	- 2.4 kbps(1)				
	- 4.8 kbps(1)				
(CP)	- 9.6 kbps(1)				
	- 19.2 kbps	T6ECS	132.15	273.00	208.00
(CP)	- 56.0 kbps(1)				
	- 64.0 kbps (CC)	T6ECS	197.05	324.00	247.00

			<u>Nonrecurring Charges</u>	
1. Inside Wire Charge				
	- Per Channel Termination	WMJ	None	None

<u>USOC</u>	<u>Monthly Rates</u>	
	<u>Fixed</u>	<u>Per Mile</u>

B. Channel Mileage

(AT) 1. 2.4 kbps(1)

(RT)

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|
|

(RT)

(AT) (1) See Supplemental Schedule for current effective rates.

Issued: April 10, 1995

Effective: April 11, 1995

By HORACE WILKINS, JR., President-Missouri
Southwestern Bell Telephone
St. Louis, Missouri

CANCELLED
June 30, 2021
Missouri Public
Service Commission
JI-2021-0210

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

Access Services Tariff
Section 7
5th Revised Sheet 93
Replacing 4th Revised Sheet 93

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JAN - 9 1995

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.6 MegaLink Data Service

MO. PUBLIC SERVICE COMM.

		<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					
	- 2.4 kbps	T6ECS	\$ 92.85	\$273.00	\$208.00
	- 4.8 kbps	T6ECS	94.00	279.00	213.00
	- 9.6 kbps	T6ECS	92.95	274.00	209.00
(AT)	- 19.2 kbps	T6ECS	132.15	273.00	208.00
	- 56.0 kbps	T6ECS	171.35	324.00	249.00
(AT)	- 64.0 kbps (CC)	T6ECS	197.05	324.00	247.00

		<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
			<u>Fixed</u>	<u>Per Mile</u>	
1. Inside Wire Charge					
- Per Channel Termination					
		WMJ	None	None	

B. Channel Mileage

1. 2.4 kbps

Mileage Bands

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Per Mile</u>
		<u>Fixed</u>	<u>Per Mile</u>
0	1L5XX	None	None
Over 0 to 4	1L5XX	\$62.75	\$2.25
Over 4 to 8	1L5XX	67.00	1.20
Over 8 to 25	1L5XX	70.45	.75
Over 25 to 50	1L5XX	73.85	.60
Over 50	1L5XX	76.85	.55

CANCELLED

APR 11 1995
BY 6th P.S. #93
Public Service Commission
MISSOURI

Issued: **JAN 09 1995**

Effective: **FEB 09 1995**

FILED

By HORACE WILKINS, JR., President-Missouri
Southwestern Bell Telephone
St. Louis, Missouri

FEB - 9 1995

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
4th Revised Sheet 93
Replacing 3rd Revised Sheet 93

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AUG 9 1991

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.6 MegaLink Data Service

**MISSOURI
Public Service Commission**

(AT)

A. Channel Termination

- Per point of termination

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
			<u>1st Ckt</u>	<u>Addl. Ckt</u>
- 2.4 kbps	T6ECS	\$ 92.85	(CR)\$273.00	(NR)\$208.00
- 4.8 kbps	T6ECS	94.00	(CR) 279.00	(NR) 213.00
- 9.6 kbps	T6ECS	92.95	(CR) 274.00	(NR) 209.00
- 56.0 kbps	T6ECS	171.35	(CR) 324.00	(NR) 249.00

(AT)

(AT)

1. Inside Wire Charge

- Per Channel Termination

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
		<u>Fixed</u>	<u>Per Mile</u>	
	WMJ	None	None	None

B. Channel Mileage

1. 2.4 kbps

Mileage Bands

	<u>USOC</u>	<u>Monthly Rates</u>	
		<u>Fixed</u>	<u>Per Mile</u>
0	1L5XX	None	None
Over 0 to 4	1L5XX	\$62.75	\$2.25
Over 4 to 8	1L5XX	67.00	1.20
Over 8 to 25	1L5XX	70.45	.75
Over 25 to 50	1L5XX	73.85	.60
Over 50	1L5XX	76.85	.55

CANCELLED

FEB 9 - 1995
BY 5th R.S. # 93
Public Service Commission
MISSOURI

FILED

Issued: **AUG 09 1991**

Effective: ~~SEP 09 1991~~ **SEP 30 1991**

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

Access Services Tariff
Section 7
3rd Revised Sheet 93
Replacing 2nd Revised Sheet 93

ACCESS SERVICES

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SEP 25 1989

MISSOURI
Public Service Commission

- 7. SPECIAL ACCESS SERVICE--(Continued)
- (FR) 7.4 Rates and Charges--(Continued)
- (CT) 7.4.6 MegaLink Data Service

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
A. Channel Termination			
- Per point of termination			
- 2.4 kbps	T6ECS (CR)	\$ 92.85	(CR) \$340.00
- 4.8 kbps	T6ECS	94.00	345.00
- 9.6 kbps	T6ECS	92.95	325.00
- 56.0 kbps	T6ECS (CR)	171.35	(CR) 355.00
1. Inside Wire Charge			
- Per Channel Termination	WMJ	None	None

	<u>USOC</u>	<u>Monthly Rates</u>	
		<u>Fixed</u>	<u>Per Mile</u>

B. Channel Mileage

- 1. 2.4 kbps

Mileage Bands

0	1L5XX	None	None
Over 0 to 4	1L5XX (CR)	\$62.75	(CR) \$2.25
Over 4 to 8	1L5XX	67.00	1.20
Over 8 to 25	1L5XX	70.45	.75
Over 25 to 50	1L5XX	73.85	.60
Over 50	1L5XX (CR)	76.85	(CR) .55

CANCELLED

SEP 30 1991

BY Yth R.S. # 93

Public Service Commission
MISSOURI

Issued: SEP 25 1989

Effective: OCT 1 1989

OCT 1 1989

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

89-14

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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
2nd Revised Sheet 93
Replacing 1st Revised Sheet 93

(CP)ACCESS SERVICES

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JUN 27 1986
MISSOURI
Public Service Commission

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.7 Digital Data Service

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
A. Channel Termination			
- Per point of termination			
- 2.4 kbps	T6ECS	\$ 71.39	\$148.00
- 4.8 kbps	T6ECS	68.71	148.00
- 9.6 kbps	T6ECS	65.54	148.00
- 56.0 kbps	T6ECS	120.67	224.00
1. Inside Wire Charge			
- Per Channel Termination	WMJ	None	None

	<u>USOC</u>	<u>Monthly Rates</u>	
		<u>Fixed</u>	<u>Per Mile</u>
B. Channel Mileage			
1. 2.4 kbps			
<u>Mileage Bands</u>			
0	1L5XX	None	None
Over 0 to 4	1L5XX	\$ 96.26	\$3.00
Over 4 to 8	1L5XX	102.24	1.49
Over 8 to 25	1L5XX	105.79	1.05
Over 25 to 50	1L5XX	105.79	1.05
Over 50	1L5XX	105.79	1.05

CANCELLED
OCT 1 1989
BY *320* *LS#93*
Public Service Commission
MISSOURI

FILED
JUL 1 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
1st Revised Sheet 93
Replacing Original Sheet 93

ACCESS SERVICES

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MISSOURI
Public Service Commission

7. SPECIAL ACCESS SERVICE-(Continued)

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

7.2.1 Analog Services-(Continued)

F. Dedicated Access Line Service (DALs)-(Continued)

5. Facility Interface (FI) Codes

Dedicated Access Line Service is available with either loop-start or ground-start facility interfaces at the End User's premises. The codes for these are as follows:

- (AT) 2LS2, 2GS2 or 2RV2
- (AT) 4LS2, 4GS2 or 4RV2

6. Application of Rates

See Paragraph 7.4.5, following, Rate Application Exception Rules, for the application of rates for this service.

CANCELLED

JUL 1 1986
BY *zaw* R.S.93
PUBLIC SERVICE COMMISSION
OF MISSOURI

FILED
OCT 15 1984
Public Service Commission

Issued: **AUG 15 1984**

Effective: **OCT 15 1984**

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 93

DEC 29 1983

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

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

7.2.1 Analog Services-(Continued)

F. Dedicated Access Line Service (DALs)-(Continued)

5. Facility Interface (FI) Codes

Dedicated Access Line Service is available with either loop-start or ground-start facility interfaces at the End User's premises. The codes for these are as follows:

2LS2 or 2GS2
4LS2 or 4GS2

6. Application of Rates

See Paragraph 7.4.5, following, Rate Application Exception Rules, for the application of rates for this service.

CANCELLED

OCT 15 1984
BY *Lot RS 93*
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

**P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF**

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
5th Revised Sheet 94
Replacing 4th Revised Sheet 94

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.6 MegaLink Data(2) Service-(Continued)

(C)(CP)

		Monthly Rates	
USOC		Fixed	Per Mile

B. Channel Mileage-(Continued)

2. 4.8 kbps(1)

3. 9.6 kbps(1)

4. 19.2 kbps

Mileage Bands

0	1L5XX	None	None
Over 0 to 4	1L5XX	\$126.30	\$2.85
Over 4 to 8	1L5XX	126.30	2.85
Over 8 to 25	1L5XX	126.30	2.85
Over 25 to 50	1L5XX	126.30	2.85
Over 50	1L5XX	126.30	2.85

(1) See Supplemental Schedule for current effective rates.

(2) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

(AT)
|
(AT)

Issued: May 28, 2021

Effective: June 30, 2021

By CRAIG UNRUH, President - Missouri
St. Louis, Missouri

FILED
Missouri Public
Service Commission
JI-2021-0210

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

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

Access Services Tariff
Section 7
4th Revised Sheet 94
Replacing 3rd Revised Sheet 94

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.6 Digital Data Service-(Continued)

B. Channel Mileage-(Continued)

(AT)

2. 4.8 kbps(1)

(RT)

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|
|
|
|

(RT)

(AT)

3. 9.6 kbps(1)

(RT)

(RT)

4. 19.2 kbps

Mileage Bands

	USOC	Fixed	Per Mile
0	1L5XX	None	None
Over 0 to 4	1L5XX	\$126.30	\$2.85
Over 4 to 8	1L5XX	126.30	2.85
Over 8 to 25	1L5XX	126.30	2.85
Over 25 to 50	1L5XX	126.30	2.85
Over 50	1L5XX	126.30	2.85

(AT) (1) See Supplemental Schedule for current effective rates.

Issued: April 10, 1995

Effective: April 11, 1995

By HORACE WILKINS, JR., President-Missouri

Southwestern Bell Telephone

St. Louis, Missouri

CANCELLED
June 30, 2021
Missouri Public
Service Commission
JI-2021-0210

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

Access Services Tariff
Section 7
3rd Revised Sheet 94
Replacing 2nd Revised Sheet 94

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ACCESS SERVICES

JAN - 9 1995

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

MO. PUBLIC SERVICE COMM.

7.4.6 Digital Data Service-(Continued)

	USOC	Monthly Rates	
		Fixed	Per Mile
B. Channel Mileage-(Continued)			
2. 4.8 kbps			
<u>Mileage Bands</u>			
0	1L5XX	None	None
Over 0 to 4	1L5XX	\$ 63.65	\$1.70
Over 4 to 8	1L5XX	63.65	1.70
Over 8 to 25	1L5XX	68.85	1.05
Over 25 to 50	1L5XX	69.85	1.00
Over 50	1L5XX	69.85	1.00
3. 9.6 kbps			
<u>Mileage Bands</u>			
0	1L5XX	None	None
Over 0 to 4	1L5XX	\$ 87.55	\$2.65
Over 4 to 8	1L5XX	87.75	2.65
Over 8 to 25	1L5XX	91.95	2.10
Over 25 to 50	1L5XX	94.55	2.00
Over 50	1L5XX	94.55	2.00
4. 19.2 kbps			
<u>Mileage Bands</u>			
0	1L5XX	None	None
Over 0 to 4	1L5XX	\$126.30	\$2.85
Over 4 to 8	1L5XX	126.30	2.85
Over 8 to 25	1L5XX	126.30	2.85
Over 25 to 50	1L5XX	126.30	2.85
Over 50	1L5XX	126.30	2.85

CANCELLED

APR 11 1995
BY 4th R.S. #94
Public Service Commission
MISSOURI

(AT)

(AT)

Issued: **JAN 09 1995**

Effective: **FEB 09 1995**

FILED

By HORACE WILKINS, JR., President-Missouri
Southwestern Bell Telephone
St. Louis, Missouri

FEB - 9 1995

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
2nd Revised Sheet 94
Replacing 1st Revised Sheet 94

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

(FC) 7.4 Rates and Charges-(Continued)

(CT) 7.4.6 MegaLink Data Service-(Continued)

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Public Service Commission

	USOC	Monthly Rates	
		Fixed	Per Mile
B. Channel Mileage-(Continued)			
2. 4.8 kbps			
<u>Mileage Bands</u>			
0	1L5XX	None	None
Over 0 to 4	1L5XX	(CR)\$ 63.65	(CR)\$1.70
Over 4 to 8	1L5XX	63.65	1.70
Over 8 to 25	1L5XX	68.85	1.05
Over 25 to 50	1L5XX	69.85	1.00
Over 50	1L5XX	(CR) 69.85	(CR) 1.00

3. 9.6 kbps

<u>Mileage Bands</u>			
0	1L5XX	None	None
Over 0 to 4	1L5XX	(CR)\$ 87.55	(CR) \$2.65
Over 4 to 8	1L5XX	87.75	2.65
Over 8 to 25	1L5XX	91.95	2.10
Over 25 to 50	1L5XX	94.55	2.00
Over 50	1L5XX	(CR) 94.55	(CR) 2.00

CANCELLED

FEB 9 - 1995
BY 3rd R.S. # 94
Public Service Commission
MISSOURI

Issued: SEP 25 1989

Effective: OCT 1 1989

FILED

By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company Public Service Commission
St. Louis, 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
1st Revised Sheet 94
Replacing Original Sheet 94

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.7 Digital Data Service-(Continued)



B. Channel Mileage-(Continued)

2. 4.8 kbps

Mileage Bands

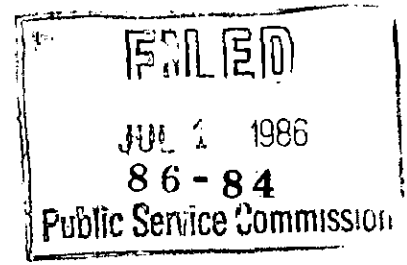
	USOC	Monthly Rates	
		Fixed	Per Mile
0	1L5XX	None	None
Over 0 to 4	1L5XX	\$ 98.48	\$2.80
Over 4 to 8	1L5XX	98.48	2.80
Over 8 to 25	1L5XX	109.11	1.46
Over 25 to 50	1L5XX	109.11	1.46
Over 50	1L5XX	109.11	1.46

3. 9.6 kbps

Mileage Bands

	USOC	Monthly Rates	
		Fixed	Per Mile
0	1L5XX	None	None
Over 0 to 4	1L5XX	\$133.32	\$4.20
Over 4 to 8	1L5XX	133.32	4.20
Over 8 to 25	1L5XX	133.32	4.20
Over 25 to 50	1L5XX	133.32	4.20
Over 50	1L5XX	133.32	4.20

CANCELLED
OCT 1 1989
BY *208 R S #94*
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

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

Access Services Tariff
Section 7

Original Sheet 94

DEC 29 1983

MISSOURI
Public Service Commission

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Services (Continued)

7.2.2 Digital Services

A. Wideband Digital Services

1. Wideband Digital 1 (WD1) Special Access Service

a. Description

Special Access Service WD1 provides a channel for the transmission of 19.2 kbps synchronous serial data between an IC terminal location and an End User's premises. Optional arrangements are available for transmission at 18.75 kbps or for transmission of nonsynchronous data with a minimum signal element width of 52 microseconds. A voiceband coordinating channel can be provided with this service at rates as specified for the specific VG service required by the customer.

b. Illustrative Applications

The nonsynchronous option is suitable for use as part of the facilities required to provide intrastate facsimile transmission.

c. Transmission Performance

- Error-Free Seconds

While in service, the monthly average of the error-free seconds will be equal to or greater than 98.75 percent.

CANCELLED

JUL 1 1986

BY JRS 94
PUBLIC SERVICE COMMISSION
OF MISSOURI

FILED

JAN 1 1984

83-258

Issued: DEC 29 1983

Effective: JAN 0 1 1984

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

**P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF**

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
9th Revised Sheet 95
Replacing 8th Revised Sheet 95

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.6 MegaLink Data(2) Service-(Continued)

(CP)

	<u>USOC</u>	<u>Monthly Rates</u>	
		<u>Fixed</u>	<u>Per Mile</u>
B. Channel Mileage-(Continued)			
5. 56 kbps(1)			
6. 64 kbps (CC)			
<u>Mileage Bands</u>			
0	1L5XX	None	None
Over 0 to 4	1L5XX	\$184.75	\$ 9.35
Over 4 to 8	1L5XX	184.75	9.35
Over 8 to 25	1L5XX	184.75	9.35
Over 25 to 50	1L5XX	184.75	9.35
Over 50	1L5XX	184.75	9.35

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
			<u>1st Ckt</u>	<u>Addl. Ckt</u>
C. Service to Service Through Connect Arrangement				
Interconnection of two subtending digital channels (Derived from DS1 multi-plexers)				
	THK	None	\$91.00	\$81.00

D. Optional Features, BSEs and Functions

	<u>Nonrecurring Charges</u>		
1. Bridging - Per port	BCNDA	\$19.50	None

(1) See Supplemental Schedule for current effective rates.

(2) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

(AT)

(AT)

Issued: May 28, 2021

Effective: June 30, 2021

By CRAIG UNRUH, President - Missouri
St. Louis, Missouri

FILED
Missouri Public
Service Commission
JI-2021-0210

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

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

Access Services Tariff
Section 7
8th Revised Sheet 95
Replacing 7th Revised Sheet 95

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.6 MegaLink Data Service-(Continued)

B. Channel Mileage-(Continued)

(AT) 5. 56 kbps(1)

(RT)

|

(RT)

6. 64 kbps (CC)

Mileage Bands

	<u>USOC</u>	<u>Monthly Rates</u>	
		<u>Fixed</u>	<u>Per Mile</u>
0	1L5XX	None	None
Over 0 to 4	1L5XX	\$184.75	\$ 9.35
Over 4 to 8	1L5XX	184.75	9.35
Over 8 to 25	1L5XX	184.75	9.35
Over 25 to 50	1L5XX	184.75	9.35
Over 50	1L5XX	184.75	9.35

<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
		<u>1st Ckt</u>	<u>Addl. Ckt</u>

C. Service to Service Through Connect Arrangement

Interconnection of two subtending digital channels (Derived from DS1 multiplexers)

THK	None	\$91.00	\$81.00
-----	------	---------	---------

D. Optional Features, BSEs and Functions

Nonrecurring Charges

1. Bridging - Per port

BCNDA	\$19.50	None
-------	---------	------

(AT) (1) See Supplemental Schedule for current effective rates.

Issued: April 10, 1995

Effective: April 11, 1995

By HORACE WILKINS, JR., President-Missouri

Southwestern Bell Telephone
St. Louis, Missouri

CANCELLED
June 30, 2021
Missouri Public
Service Commission
JI-2021-0210

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

Access Services Tariff
Section 7
7th Revised Sheet 95
Replacing 6th Revised Sheet 95

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ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE- (Continued)

7.4 Rates and Charges- (Continued)

MO. PUBLIC SERVICE COMM.

7.4.6 MegaLink Data Service- (Continued)

B. Channel Mileage- (Continued)

Monthly Rates
Fixed Per Mile

(FC)

5. 56 kbps

Mileage Bands

0
Over 0 to 4
Over 4 to 8
Over 8 to 25
Over 25 to 50
Over 50

USOC	Fixed	Per Mile
1L5XX	None	None
1L5XX	\$134.85	\$ 8.10
1L5XX	145.15	5.55
1L5XX	160.65	3.60
1L5XX	160.65	3.60
1L5XX	161.00	3.60

(AT)

6. 64 kbps (CC)

Mileage Bands

0
Over 0 to 4
Over 4 to 8
Over 8 to 25
Over 25 to 50
Over 50

USOC	Fixed	Per Mile
1L5XX	None	None
1L5XX	\$184.75	\$ 9.35
1L5XX	184.75	9.35
1L5XX	184.75	9.35
1L5XX	184.75	9.35
1L5XX	184.75	9.35

(AT)

USOC Monthly Rates Nonrecurring Charges
1st Ckt Addl. Ckt

C. Service to Service Through Connect Arrangement

Interconnection of two subtending digital channels (Derived from DS1 multiplexers)

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APR 11 1995
BY 8th R.S. #95
Public Service Commission
MISSOURI

\$91.00 \$81.00

D. Optional Features, BSEs and Functions

Nonrecurring Charges

1. Bridging - Per port

BCNDA \$19.50

FILED

Issued: **JAN 09 1995**

Effective: **FEB 09 1995**

By HORACE WILKINS, JR., President-Missouri
Southwestern Bell Telephone
St. Louis, Missouri

FEB - 9 1995

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
6th Revised Sheet 95
Replacing 5th Revised Sheet 95

ACCESS SERVICES

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MAR 29 1993

MISSOURI
Public Service Commission

- 7. SPECIAL ACCESS SERVICE-(Continued)
- 7.4 Rates and Charges-(Continued)
- 7.4.6 MegaLink Data Service-(Continued)

B. Channel Mileage-(Continued)	USOC	Monthly Rates	
		Fixed	Per Mile
4. 56 kbps			
<u>Mileage Bands</u>			
0	1L5XX	None	None
Over 0 to 4	1L5XX	\$134.85	\$ 8.10
Over 4 to 8	1L5XX	145.15	5.55
Over 8 to 25	1L5XX	160.65	3.60
Over 25 to 50	1L5XX	160.65	3.60
Over 50	1L5XX	161.00	3.60

C. Service to Service Through Connect Arrangement	USOC	Monthly Rates	Nonrecurring Charges	
			1st Ckt	Addl. Ckt
Interconnection of two subtending digital channels (Derived from DS1 multiplexers)	THK	None	\$91.00	\$81.00

- (AT) D. Optional Features, BSEs and Functions

1. Bridging - Per port	BCNDA	None	Nonrecurring Charges
------------------------	-------	------	----------------------

CANCELLED

FEB 9 - 1995
BY 7th R.S. # 95
Public Service Commission
MISSOURI
\$19.50

FILED

APR 11 1993
92-304
MO. PUBLIC SERVICE COMM.

Issued: MAR 26 1993

Effective:

APR 11 1993

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
5th Revised Sheet 95
Replacing 4th Revised Sheet 95

ACCESS SERVICES

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AUG 9 1991

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.6 MegaLink Data Service-(Continued)

**MISSOURI
Public Service Commission**

B. Channel Mileage-(Continued)

4. 56 kbps

Mileage Bands

0
Over 0 to 4
Over 4 to 8
Over 8 to 25
Over 25 to 50
Over 50

USOC Monthly Rates
Fixed Per Mile

1L5XX	None	None
1L5XX	\$134.85	\$ 8.10
1L5XX	145.15	5.55
1L5XX	160.65	3.60
1L5XX	160.65	3.60
1L5XX	161.00	3.60

USOC Monthly Rates Nonrecurring Charges
1st Ckt Addl. Ckt

C. Service to Service Through Connect Arrangement

Interconnection of two subtending digital channels (Derived from DS1 multiplexers)

THK None (CR) 91.00 (NR) 81.00

D. Optional Features and Functions

1. Bridging
- Per port

CANCELLED
APR 11 1993
BY 6th R.S. #95
Public Service Commission
MISSOURI
BCNDA \$19.50

Nonrecurring Charges

None

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Issued: **AUG 09 1991**

Effective: ~~SEP 09 1991~~ **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 95
Replacing 3rd Revised Sheet 95

ACCESS SERVICES

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MISSOURI
Public Service Commission

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.6 MegaLink Data Service-(Continued)

B. Channel Mileage-(Continued)

4. 56 kbps

Mileage Bands

0
Over 0 to 4
Over 4 to 8
Over 8 to 25
Over 25 to 50
Over 50

USOC	Monthly Rates	
	Fixed	Per Mile
1L5XX	None	None
1L5XX	\$134.85	\$ 8.10
1L5XX	145.15	5.55
1L5XX	160.65	3.60
1L5XX	160.65	3.60
1L5XX	161.00	3.60

(AT) C. Service to Service Through Connect Arrangement

Interconnection of two subtending digital channels (Derived from DS1 multiplexers)

USOC	Monthly Rates	Nonrecurring Charges
THK		

CANCELLED

SEP 30 1991

BY S. R. S. '95

Public Service Commission
MISSOURI

(FC) D. Optional Features and Functions

1. Bridging - Per port

BCNDA	\$19.50	None
-------	---------	------

(MT)

Issued: FEB 22 1990

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

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

Access Services Tariff
Section 7
3rd Revised Sheet 95
Replacing 2nd Revised Sheet 95
through 2nd Revised Sheet 96

ACCESS SERVICES

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SEP 25 1989

7. SPECIAL ACCESS SERVICE--(Continued)

MISSOURI
Public Service Commission

(FC) 7.4 Rates and Charges--(Continued)

(CT) 7.4.6 MegaLink Data Service--(Continued)

B. Channel Mileage--(Continued)	USOC	Monthly Rates	
		Fixed	Per Mile
4.56 kbps			
<u>Mileage Bands</u>			
0		None	None
Over 0 to 4	1L5XX	(CR) \$134.85	(CR) \$ 8.10
Over 4 to 8	1L5XX	145.15	5.55
Over 8 to 25	1L5XX	160.65	3.60
Over 25 to 50	1L5XX	160.65	3.60
Over 50	1L5XX	(CR) 161.00	(CR) 3.60

CANCELLED
MAR 26 1990
BY 46 B.S.#95
Public Service Commission
MISSOURI

C. Optional Features and Functions	USOC	Monthly Rates	Nonrecurring Charges
1. Bridging - Per port	BCNDA	(CR) \$19.50	None
2. Loop Transfer Arrangement (key activated(1)) - Per four port arrangement(2)	XTD	(CR) 64.25	(NR) 40.00
(RT) 3. Secondary Channel Capability - Per Channel termination	SCA	12.00	(CR) 125.00(3)

(1) The key activated control channel is rated as a metallic channel termination (use USOC T6EME in lieu of T6ECS) and channel mileage, if applicable (use USOC 1L5MX in lieu of 1L5XX).

(2) An additional Channel Termination Charge will apply whenever a spare channel is configured as a leg to the customer's premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer premises serving wire center.

(AT) (3) Nonrecurring charge applies only if secondary channel capability is installed subsequent to initial installation of Megalink channel termination.

Issued: SEP 25 1989

Effective: OCT 1 1989 OCT 1 1989

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

Access Services Tariff
Section 7
2nd Revised Sheet 95
Replacing 1st Revised Sheet 95

ACCESS SERVICES

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MISSOURI
Public Service Commission

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.7 Digital Data Service-(Continued)

B. Channel Mileage-(Continued)

4. 56 kbps

	USOC	Monthly Rates	
		Fixed	Per Mile
<u>Mileage Bands</u>			
0	1L5XX	None	None
Over 0 to 4	1L5XX	\$192.67	\$15.00
Over 4 to 8	1L5XX	215.82	9.22
Over 8 to 25	1L5XX	240.81	6.09
Over 25 to 50	1L5XX	240.81	6.09
Over 50	1L5XX	240.81	6.09

C. Optional Features and Functions

1. Bridging
- Per port

USOC	Monthly Rates	Nonrecurring Charges
BCNDA	\$14.37	None

2. Loop Transfer Arrangement (key activated(1))
- Per four port arrangement(2)

XTD	10.26	
-----	-------	--

3. Secondary Channel Capability
- Per Channel termination

USOC	INITIAL	SUBSEQUENT
SCA	12.00	13.00 105.00

CANCELLED
OCT 1 1989
BY 3^{MS} R.S. #95
Public Service Commission
MISSOURI

(NR)

- (1) The key activated control channel is rated as a metallic channel termination (use USOC T6EME in lieu of T6ECS) and channel mileage, if applicable (use USOC 1L5MX in lieu of 1L5XX).
- (2) An additional Channel Termination Charge will apply whenever a spare channel is configured as a leg to the customer's premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer premises serving wire center.

FILED

Issued: SEP 18 1987

Effective: OCT 19 1987

OCT 19 1987

By R. D. BARRON, President-Missouri Division Public Service Commission
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 95
Replacing Original Sheet 95

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.7 Digital Data Service-(Continued)

RECEIVED
JUN 27 1986
MISSOURI
Public Service Commission
Monthly Rates

USOC Fixed Per Mile

B. Channel Mileage-(Continued)

4. 56 kbps

Mileage Bands

Mileage Bands	USOC	Fixed	Per Mile
0	1L5XX	None	None
Over 0 to 4	1L5XX	\$192.67	\$15.00
Over 4 to 8	1L5XX	215.82	9.22
Over 8 to 25	1L5XX	240.81	6.09
Over 25 to 50	1L5XX	240.81	6.09
Over 50	1L5XX	240.81	6.09

C. Optional Features and Functions

1. Bridging

- Per port

CANCELLED
OCT 19 1987
BY *2nd* P.S.#95
Public Service Commission
MISSOURI BCNDA

Monthly Rates Nonrecurring Charges

\$14.37 None

2. Loop Transfer Arrangement (key activated(1))

- Per four port arrangement(2)

XTD 10.26 None

FILED
JUN 27 1986
86-84
Public Service Commission

- (1) The key activated control channel is rated as a metallic channel, termination (use USOC T6EME in lieu of T6ECS) and channel mileage, if applicable (use USOC 1L5MX in lieu of 1L5XX).
- (2) An additional Channel Termination Charge will apply whenever a spare channel is configured as a leg to the customer's premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer premises serving wire center.

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 95

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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

7.2.2 Digital Services-(Continued)

A. Wideband Digital Services-(Continued)

1. Wideband Digital 1 (WD1) Special Access Service-(Continued)

d. Available Facility Interface Combinations

<u>IC</u>	<u>End User</u>
8WB5-19S	12WC6-19
8WB5-18S	12WC6-18
8WB5-19A	10WC6-19

2. Wideband Digital 2 (WD2) Special Access Service

a. Description

Special Access Service WD2 provides a channel for the transmission of 50 kbps synchronous or isochronous serial data between an IC terminal location and an End User's premises. Optional arrangements are available for transmission of synchronous serial data at 40.8 kbps or for transmission of nonsynchronous data with a minimum signal element width of 20 microseconds. An arrangement may also be included to accommodate the nonsimultaneous transmission of signal and supervisory tones between the frequencies of 300 and 3000 Hz. A voiceband coordinating channel can be provided with this service at rates as specified for the specific Voice Grade service required by the customer.

CANCELLED

JUL 1 1986

BY 1st R.S.95
PUBLIC SERVICE COMMISSION
OF MISSOURI

FILED

JAN 1 1984
83-258

Issued: DEC 29 1983

Effective: JAN 01 1984

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

**P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF**

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
5th Revised Sheet 96
Replacing 4th Revised Sheet 96

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.6 MegaLink Data(4) Service-(Continued)

(CP)

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

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
2. Loop Transfer Arrangement (key activated(1)) - Per four port arrangement(2)	XTD	\$64.25	\$40.00
3. Secondary Channel Capability - Per Channel termination	SCA	12.00	125.00(3)

(1) The key activated control channel is rated as a metallic channel termination (use USOC T6EME in lieu of T6ECS) and channel mileage, if applicable (use USOC 1L5MX in lieu of 1L5XX).

(2) An additional Channel Termination Charge will apply whenever a spare channel is configured as a leg to the customer's premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer premises serving wire center.

(3) Nonrecurring charge applies only if secondary channel capability is installed subsequent to initial installation of MegaLink channel termination.

(4) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. (AT)
In addition, requests to move, add, change, or renew existing service arrangements will not be accepted.
Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024. (AT)

Issued: May 28, 2021

Effective: June 30, 2021

By CRAIG UNRUH, President - Missouri
St. Louis, Missouri

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Missouri Public
Service Commission
JI-2021-0210

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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 96
Replacing 3rd Revised Sheet 96

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.6 MegaLink Data Service-(Continued)

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

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
2. Loop Transfer Arrangement (key activated(1)) - Per four port arrangement(2)	XTD	\$64.25	\$40.00
3. Secondary Channel Capability - Per Channel termination	SCA	12.00	125.00(3)

- (1) The key activated control channel is rated as a metallic channel termination (use USOC T6EME in lieu of T6ECS) and channel mileage, if applicable (use USOC 1L5MX in lieu of 1L5XX).
- (2) An additional Channel Termination Charge will apply whenever a spare channel is configured as a leg to the customer's premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer premises serving wire center.
- (3) Nonrecurring charge applies only if secondary channel capability is installed subsequent to initial installation of MegaLink channel termination.

Issued: March 26, 1993

Effective: April 11, 1993

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
3rd Revised Sheet 96
Replacing 2nd Revised Sheet 96

ACCESS SERVICES

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MISSOURI
Public Service Commission

7. SPECIAL ACCESS SERVICE--(Continued)

7.4 Rates and Charges--(Continued)

7.4.6 MegaLink Data Service--(Continued)

D. Optional Features and Functions--(Continued)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
2. Loop Transfer Arrangement (key activated(1)) - Per four port arrangement(2)	XTD	64.25	40.00
3. Secondary Channel Capability - Per Channel termination	SCA	12.00	125.00(3)

CANCELLED

APR 11 1993
BY Hth R.S. #96
Public Service Commission
MISSOURI

- (1) The key activated control channel is rated as a metallic channel termination (use USOC T6EME in lieu of T6ECS) and channel mileage, if applicable (use USOC 1L5MX in lieu of 1L5XX).
- (2) An additional Channel Termination Charge will apply whenever a spare channel is configured as a leg to the customer's premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer premises serving wire center.
- (3) Nonrecurring charge applies only if secondary channel capability is installed subsequent to initial installation of MegaLink channel termination.

Issued: FEB 22 1990

Effective: MAR 26 1990

FILED

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
2nd Revised Sheet 96
Replacing 1st Revised Sheet 96

ACCESS SERVICES

- 7. SPECIAL ACCESS SERVICE-(Continued)
- 7.5 Rates and Charges-(Continued)

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MISSOURI
Public Service Commission

(DR)



(DR)

CANCELLED
MAR 26 1990
BY 308 R.S.#96
Public Service Commission
MISSOURI

(RT)

Issued: ~~JUN 22 1988~~
JUN 22 1988

Effective: ~~JUL 8 1988~~
JUL 8 1988

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

FILED

JUL 8 1988
88-287
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 96
Replacing Original Sheet 96

(CP)ACCESS SERVICES

- 7. SPECIAL ACCESS SERVICE-(Continued).
- 7.5 Rates and Charges-(Continued)
- 7.5.7 Digital Data Service-(Continued)

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 Public Service Commission

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
D. Channel Service Unit(1)			
- Per point of termination where provided			
- 2.4 kbps	TSH24	\$35.59	None
- 4.8 kbps	TSH48	36.08	None
- 9.6 kbps	TSH96	37.85	None
- 56.0 kbps	TSH56	44.24	None

CANCELLED
 JUL 8 1988
 BY *2ms* R.S.#96
 Public Service Commission
 MISSOURI

FILED
 JUL 1 1986
 86-84
 Public Service Commission

(1) Channel service units will only be provided under tariff if they existed in the Telephone Company's inventory as of November 18, 1983.

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 96

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

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

7.2.2 Digital Services-(Continued)

Public Service Commission

A. Wideband Digital Services-(Continued)

2. Wideband Digital 2 (WD2) Special Access Service-(Continued)

b. Illustrative Application

Special Access Service WD2 is suitable for use as part of the facilities required to provide intrastate facsimile transmission.

c. Transmission Performance

- Error-Free Seconds

While in service, the monthly average of the error-free seconds will be equal to or greater than 98.75 percent.

d. Available Facility Interface Combinations

<u>IC</u>	<u>End User</u>
8WB5-50S	12WC6-50
8WB5-40S	12WC6-40
8WB5-50A	10WC6-50

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JUL 1 1986

BY et R.S. 96
PUBLIC SERVICE COMMISSION
OF MISSOURI

FILED

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

**P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF**

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
1st Revised Sheet 96.1
Replacing Original Sheet 96.1

ACCESS SERVICES

MEGALINK DATA(1) SERVICE

(CP)

	<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				
- 4.8 kbps	T6ECS	94.00	279.00	213.00
- 9.6 kbps	T6ECS	92.95	274.00	209.00
- 56.0 kbps	T6ECS	171.35	324.00	249.00

(RT)

	<u>USOC</u>	<u>Monthly Rates</u>	
		<u>Fixed</u>	<u>Per Mile</u>
B. Channel Mileage			
1. 2.4 kbps			
<u>Mileage Bands</u>			
0	1L5XX	None	None
Over 0 to 4	1L5XX	\$62.75	\$2.25
Over 4 to 8	1L5XX	67.00	1.20
Over 8 to 25	1L5XX	70.45	.75
Over 25 to 50	1L5XX	73.85	.60
Over 50	1L5XX	76.85	.55

2. 4.8 kbps

<u>Mileage Bands</u>			
0	1L5XX	None	None
Over 0 to 4	1L5XX	\$ 63.65	\$1.70
Over 4 to 8	1L5XX	63.65	1.70
Over 8 to 25	1L5XX	68.85	1.05
Over 25 to 50	1L5XX	69.85	1.00
Over 50	1L5XX	69.85	1.00

Pursuant to Section 392.510.3, R.S.Mo. 1994

(1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. (AT)
In addition, requests to move, add, change, or renew existing service arrangements will not be accepted.
Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024. (AT)

Issued: May 28, 2021

Effective: June 30, 2021

By CRAIG UNRUH, President - Missouri
St. Louis, Missouri

FILED
Missouri Public
Service Commission
JI-2021-0210

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

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

Access Services Tariff
Section 7
Supplemental Schedule
Original Sheet 96.01

ACCESS SERVICES

MEGALINK DATA 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				
- 2.4 kbps	T6ECS	\$ 92.85	\$273.00	\$208.00
- 4.8 kbps	T6ECS	94.00	279.00	213.00
- 9.6 kbps	T6ECS	92.95	274.00	209.00
- 56.0 kbps	T6ECS	171.35	324.00	249.00

	<u>USOC</u>	<u>Monthly Rates</u>	
		<u>Fixed</u>	<u>Per Mile</u>
B. Channel Mileage			
1. 2.4 kbps			
<u>Mileage Bands</u>			
0	1L5XX	None	None
Over 0 to 4	1L5XX	\$62.75	\$2.25
Over 4 to 8	1L5XX	67.00	1.20
Over 8 to 25	1L5XX	70.45	.75
Over 25 to 50	1L5XX	73.85	.60
Over 50	1L5XX	76.85	.55

2. 4.8 kbps			
<u>Mileage Bands</u>			
0	1L5XX	None	None
Over 0 to 4	1L5XX	\$ 63.65	\$1.70
Over 4 to 8	1L5XX	63.65	1.70
Over 8 to 25	1L5XX	68.85	1.05
Over 25 to 50	1L5XX	69.85	1.00
Over 50	1L5XX	69.85	1.00

Pursuant to Section 392.510.3, R.S.Mo. 1994

Issued: April 10, 1995

Effective: April 11, 1995

By HORACE WILKINS, JR., President-Missouri
Southwestern Bell Telephone
St. Louis, Missouri

CANCELLED
June 30, 2021
Missouri Public
Service Commission
JI-2021-0210

**P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF**

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
1st Revised Sheet 96.2
Replacing Original Sheet 96.2

ACCESS SERVICES

MEGALINK DATA(1) SERVICE

(CP)

	<u>USOC</u>	<u>Monthly Rates</u>	
		<u>Fixed</u>	<u>Per Mile</u>
B. Channel Mileage-(Continued)			
3. 9.6 kbps			
<u>Mileage Bands</u>			
0	1L5XX	None	None
Over 0 to 4	1L5XX	\$ 87.55	\$2.65
Over 4 to 8	1L5XX	87.75	2.65
Over 8 to 25	1L5XX	91.95	2.10
Over 25 to 50	1L5XX	94.55	2.00
Over 50	1L5XX	94.55	2.00

4. 56 kbps			
<u>Mileage Bands</u>			
0	1L5XX	None	None
Over 0 to 4	1L5XX	\$134.85	\$8.10
Over 4 to 8	1L5XX	145.15	5.55
Over 8 to 25	1L5XX	160.65	3.60
Over 25 to 50	1L5XX	160.65	3.60
Over 50	1L5XX	161.00	3.60

Pursuant to Section 392.510.3, R.S.Mo. 1994

(1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. (AT)
In addition, requests to move, add, change, or renew existing service arrangements will not be accepted.
Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024. (AT)

Issued: May 28, 2021

Effective: June 30, 2021

By CRAIG UNRUH, President - Missouri
St. Louis, Missouri

FILED
Missouri Public
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JI-2021-0210

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

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

ACCESS SERVICES

MEGALINK DATA SERVICE

	<u>USOC</u>	<u>Monthly Rates</u>	
		<u>Fixed</u>	<u>Per Mile</u>
B. Channel Mileage-(Continued)			
3. 9.6 kbps			
<u>Mileage Bands</u>			
0	1L5XX	None	None
Over 0 to 4	1L5XX	\$ 87.55	\$2.65
Over 4 to 8	1L5XX	87.75	2.65
Over 8 to 25	1L5XX	91.95	2.10
Over 25 to 50	1L5XX	94.55	2.00
Over 50	1L5XX	94.55	2.00

4. 56 kbps

<u>Mileage Bands</u>			
0	1L5XX	None	None
Over 0 to 4	1L5XX	\$134.85	\$8.10
Over 4 to 8	1L5XX	145.15	5.55
Over 8 to 25	1L5XX	160.65	3.60
Over 25 to 50	1L5XX	160.65	3.60
Over 50	1L5XX	161.00	3.60

Pursuant to Section 392.510.3, R.S.Mo. 1994

Issued: April 10, 1995

Effective: April 11, 1995

By HORACE WILKINS, JR., President-Missouri
Southwestern Bell Telephone
St. Louis, Missouri

**P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF**

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
8th Revised Sheet 97
Replacing 7th Revised Sheet 97

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(CONTINUED)

7.4 Rates and Charges-(Continued)

7.4.7 High Capacity Service

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
			<u>1st Ckt</u>	<u>Adtl. Ckt</u>
A. Channel Termination				
- Per point of termination				
- 1.544 Mbps(1)				
- 44.736 Mbps	TWT++	ICB	ICB	ICB

	<u>USOC</u>	<u>Monthly Rates</u>	
		<u>Fixed</u>	<u>Per Mile</u>
B. Channel Mileage			

1. 64 Kbps(2)(3) (CP)

Mileage Bands

0	1L5TC	None	None
Over 0 to 4	1L5XX	56.65	\$2.50
Over 4 to 8	1L5XX	57.50	2.40
Over 8 to 25	1L5XX	57.60	2.40
Over 25 to 50	1L5XX	57.00	2.35
Over 50	1L5XX	57.00	2.35

(1) See Supplemental Schedule for current effective rates.

(2) Available only as a channel of a 1.544 Mbps facility to a SWBT Digital Data Hub or as a cross connect of two channels of two 1.544 Mbps facilities to a Digital Data Hub(s). The customer must provide system and channel assignment data.

(3) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024. (AT)

Issued: May 28, 2021

Effective: June 30, 2021

By CRAIG UNRUH, President - Missouri
St. Louis, Missouri

FILED
Missouri Public
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JI-2021-0210

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

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

Access Services Tariff
Section 7
7th Revised Sheet 97
Replacing 6th Revised Sheet 97

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(CONTINUED)

7.4 Rates and Charges-(Continued)

7.4.7 High Capacity 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					
(CP)	- 1.544 Mbps(1)				
	- 44.736 Mbps	TWT++	ICB	ICB	ICB

		<u>USOC</u>	<u>Monthly Rates</u>	
			<u>Fixed</u>	<u>Per Mile</u>
B. Channel Mileage				
(FC)	1. 64 Kbps(2)			
		<u>Mileage Bands</u>		
	0	1L5TC	None	None
	Over 0 to 4	1L5XX	56.65	\$2.50
	Over 4 to 8	1L5XX	57.50	2.40
	Over 8 to 25	1L5XX	57.60	2.40
	Over 25 to 50	1L5XX	57.00	2.35
	Over 50	1L5XX	57.00	2.35

(AT) (1) See Supplemental Schedule for current effective rates.

(FC) (2) Available only as a channel of a 1.544 Mbps facility to a SWBT Digital Data Hub or as a cross connect of two channels of two 1.544 Mbps facilities to a Digital Data Hub(s). The customer must provide system and channel assignment data.

Issued: April 10, 1995

Effective: April 11, 1995

By HORACE WILKINS, JR., President-Missouri
Southwestern Bell Telephone
St. Louis, Missouri

CANCELLED
June 30, 2021
Missouri Public
Service Commission
JI-2021-0210

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

Access Services Tariff
Section 7
6th Revised Sheet 97
Replacing 5th Revised Sheet 97

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(CONTINUED)

JAN - 9 1995

7.4 Rates and Charges-(Continued)

MO. PUBLIC SERVICE COMM.

7.4.7 High Capacity Service

	USOC	Monthly Rates	Nonrecurring Charges	
			1st Ckt	Addl. Ckt
A. Channel Termination				
- Per point of termination				
- 1.544 Mbps	TMECS	\$225.00	569.00	\$368.00
- 44.736 Mbps	TWT++	ICB	ICB	ICB

	USOC	Monthly Rates	
		Fixed	Per Mile
B. Channel Mileage			

(AT)

1. 64 Kbps*

Mileage Bands

0	1LSTC	None	None
Over 0 to 4	1LSXX	56.65	\$2.50
Over 4 to 8	1LSXX	57.50	2.40
Over 8 to 25	1LSXX	57.60	2.40
Over 25 to 50	1LSXX	57.00	2.35
Over 50	1LSXX	57.00	2.35

CANCELLED

APR 11 1995
BY 7th P.S. # 97
Public Service Commission
MISSOURI

(AT) *Available only as a channel of a 1.544 Mbps facility to a SWBT Digital Data Hub or as a cross connect of two channels of two 1.544 Mbps facilities to a Digital Data Hub(s). The customer must provide system and channel assignment data.

Issued: JAN 0 9 1995

Effective: FEB 0 9 1995

FILED

By HORACE WILKINS, JR., President-Missouri
Southwestern Bell Telephone
St. Louis, Missouri

FEB - 9 1995

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
5th Revised Sheet 97
Replacing 4th Revised Sheet 97

ACCESS SERVICES

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AUG 25 1993

MISSOURI
Public Service Commission

7. SPECIAL ACCESS SERVICE-(CONTINUED)

7.4 Rates and Charges-(Continued)

7.4.7 High Capacity Service

	USOC	Monthly Rates	Nonrecurring Charges	
			1st Ckt	Addl. Ckt
A. Channel Termination				
- Per point of termination				
(RT) - 1.544 Mbps	TMECS	\$225.00	569.00	\$368.00
(RT) - 44.736 Mbps	TWT++	ICB	ICB	ICB

B. Channel Mileage

1. 64 Kbps

Mileage Bands

	USOC	Monthly Rates	
		Fixed	Per Mile
0	1L5TC	None	None
Over 0 to 4	1L5XX	56.65	\$2.50
Over 4 to 8	1L5XX	57.50	2.40
Over 8 to 25	1L5XX	57.60	2.40
Over 25 to 50	1L5XX	57.00	2.35
Over 50	1L5XX	57.00	2.35

CANCELLED

FEB 9 - 1995
BY 6th R.S.#97
Public Service Commission
MISSOURI

FILED

SEP 27 1993

Issued: **AUG 27 1993**

Effective: **SEP 27 1993** MISSOURI Public Service Commission

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
4th Revised Sheet 97
Replacing 3rd Revised Sheet 97

ACCESS SERVICES

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AUG 9 1991

**MISSOURI
Public Service Commission**

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.7 High Capacity Service

(AT)

USOC	Monthly Rates	Nonrecurring Charges	
		1st Ckt	Addl. Ckt

A. Channel Termination

- Per point of termination

(AT)

- 1.544 Mbps	TMECS	\$225.00	(CR)569.00	(NR)\$368.00
- 3.152 Mbps	TWT++	ICB	ICB	ICB
- 6.312 Mbps	TWT++	ICB	ICB	ICB
- 44.736 Mbps	TWT++	ICB	ICB	ICB
- 274.176 Mbps	TWT++	ICB	ICB	ICB

(AT)

USOC	Monthly Rates	
	Fixed	Per Mile

B. Channel Mileage

1. 64 Kbps

Mileage Bands

0	1L5TC	None	None
Over 0 to 4	1L5XX	56.65	\$2.50
Over 4 to 8	1L5XX	57.50	2.40
Over 8 to 25	1L5XX	57.60	2.40
Over 25 to 50	1L5XX	57.00	2.35
Over 50	1L5XX	57.00	2.35

CANCELLED

SEP 25 1991
BY 5th S. #97
Public Service Commission
MISSOURI

Issued: **AUG 09 1991**

Effective: **SEP 09 1991**
SEP 30 1991 **FILED** SEP 30 1991

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
3rd Revised Sheet 97
Replacing 2nd Revised Sheet 97

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(CONTINUED)

FEB 20 1990

7.4 Rates and Charges-(Continued)

7.4.7 High Capacity Service

MISSOURI
Public Service Commission

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
A. Channel Termination			
- Per point of termination			
- 1.544 Mbps	TMECS	\$225.00	\$685.00
- 3.152 Mbps	TWT++	ICB	ICB
- 6.312 Mbps	TWT++	ICB	ICB
- 44.736 Mbps	TWT++	ICB	ICB
- 274.176 Mbps	TWT++	ICB	ICB

	<u>USOC</u>	<u>Monthly Rates</u>	
		<u>Fixed</u>	<u>Per Mile</u>
B. Channel Mileage			
1. 64 Kbps			
<u>Mileage Bands</u>			
(RT) 0	1L5TC (DR)	None	None
Over 0 to 4	1L5XX	56.65	\$2.50
Over 4 to 8	1L5XX	57.50	2.40
Over 8 to 25	1L5XX	57.60	2.40
Over 25 to 50	1L5XX	57.00	2.35
Over 50	1L5XX	57.00	2.35

CANCELLED

SEP 30 1991
BY +R.R.S.#97
Public Service Commission
MISSOURI

(RT)

Issued: FEB 22 1990

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

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

Access Services Tariff
Section 7
2nd Revised Sheet 97
Replacing 1st Revised Sheet 97

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE--(Continued)

SEP 25 1989

(F) 7.4 Rates and Charges--(Continued)

MISSOURI

(F) 7.4.7 High Capacity Service

Public Service Commission

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
A. Channel Termination			
- Per point of termination			
- 1.544 Mbps	TMECS	(CR)\$225.00	(CR)\$685.00
- 3.152 Mbps	TWT++	ICB	ICB
- 6.312 Mbps	TWT++	ICB	ICB
- 44.736 Mbps	TWT++	ICB	ICB
- 274.176 Mbps	TWT++	ICB	ICB

B. Channel Mileage	<u>USOC</u>	<u>Monthly Rates</u>	
		<u>Fixed</u>	<u>Per Mile</u>
1. 64 Kbps			
<u>Mileage Bands</u>			
0 (1)	1L5TC	(CR)\$20.90	None
Over 0 to 4	1L5XX	56.65	(CR)\$2.50
Over 4 to 8	1L5XX	57.50	2.40
Over 8 to 25	1L5XX	57.60	2.40
Over 25 to 50	1L5XX	57.00	2.35
Over 50	1L5XX	(CR) 57.00	(CR) 2.35

CANCELLED
MAR 26 1990
BY *309* S.#97
Public Service Commission
MISSOURI

(1) Applies to through connections of 2.4, 4.8, 9.6, 56.0 and 64.0 kbps in Hubbing offices.

Issued: SEP 25 1989

Effective: OCT 1 1989

FILED

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

OCT 1 1989
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
1st Revised Sheet 97
Replacing Original Sheet 97

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MISSOURI
Public Service Commission

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.8 High Capacity Service

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
A. Channel Termination			
- Per point of termination			
- 1.544 Mbps	TMECS	\$292.99	\$361.00
- 3.152 Mbps	TWT++	ICB	ICB
- 6.312 Mbps	TWT++	ICB	ICB
- 44.736 Mbps	TWT++	ICB	ICB
- 274.176 Mbps	TWT++	ICB	ICB

	<u>USOC</u>	<u>Monthly Rates</u>	
		<u>Fixed</u>	<u>Per Mile</u>
B. Channel Mileage			
1. 64 Kbps			
<u>Mileage Bands</u>			
0 (1)	1L5TC	\$10.80	None
Over 0 to 4	1L5XX	10.80	\$3.31
Over 4 to 8	1L5XX	10.80	3.31
Over 8 to 25	1L5XX	10.80	3.31
Over 25 to 50	1L5XX	10.80	3.31
Over 50	1L5XX	14.04	3.25

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OCT 1 1989
BY *[Signature]* R.S.#97
Public Service Commission
MISSOURI

FILED
JUL 1 1986
86-84
Public Service Commission

(1) Applies to through connections of 2.4, 4.8, 9.6, 56.0 and 108.0 Kbps. Hubbing offices.

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 97

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

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

7.2.2 Digital Services-(Continued)

A. Wideband Digital Services-(Continued)

3. Wideband Digital 3 (WD3) Special Access Service

a. Description

Special Access Service WD3 provides a channel for the transmission of 230.4 kbps synchronous serial data between an IC terminal location and an End User's premises. Optional arrangements are available for the transmission of nonsynchronous data with a minimum signal element width of 4.3 microseconds. A voiceband coordinating channel can be provided with this service at rates as specified for the specific VG service required by the customer.

b. Illustrative Application

The nonsynchronous option is suitable for use as part of the facilities required to provide intrastate facsimile transmission.

c. Transmission Performance

- Error-Free Seconds

While in service, the monthly average of the error-free seconds will be equal to or greater than 98.75 percent.

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JUL 1 1986
BY let R.S. 97
PUBLIC SERVICE COMMISSION
OF MISSOURI

FILED
JAN - 1 1984
83 - 253
Public Service Commission

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
4th Revised Sheet 98
Replacing 3rd Revised Sheet 98

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.7 High Capacity Service-(Continued)

B. Channel Mileage-(Continued)

(AT)

2. 1.544 Mbps(1)

(RT)

—
—
—

(RT)

	<u>Monthly Rates</u>	
<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

(AT) (1) See Supplemental Schedule for current effective rates.

Issued: April 10, 1995

Effective: April 11, 1995

By HORACE WILKINS, JR., President-Missouri
Southwestern Bell Telephone
St. Louis, Missouri

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

Access Services Tariff
Section 7
3rd Revised Sheet 98
Replacing 2nd Revised Sheet 98

ACCESS SERVICES

- 7. SPECIAL ACCESS SERVICE-(Continued)
- 7.4 Rates and Charges-(Continued)
- 7.4.7 High Capacity Service-(Continued)

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Public Service Commission**

B. Channel Mileage-(Continued)

2. 1.544 Mbps

Mileage Bands

	<u>USOC</u>	<u>Monthly Rates</u>	
		<u>Fixed</u>	<u>Per Mile</u>
0	1L5XX	None	None
Over 0 to 4	1L5XX	\$100.00	\$50.00
Over 4 to 8	1L5XX	100.00	60.00
Over 8 to 25	1L5XX	80.00	60.00
Over 25 to 50	1L5XX	80.00	60.00
Over 50	1L5XX	80.00	60.00

(RT)

(RT)

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APR 11 1995
BY 4th R.S. #98
Public Service Commission
MISSOURI

FILED

SEP 27 1993

**MISSOURI
Public Service Commission**

Issued: **AUG 27 1993**

Effective: **SEP 27 1993**

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
2nd Revised Sheet 98
Replacing 1st Revised Sheet 98

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

SEP 25 1989

(FC) 7.4 Rates and Charges-(Continued)

MISSOURI
Public Service Commission

(FC) 7.4.7 High Capacity Service-(Continued)

B. Channel Mileage-(Continued)

USOC Monthly Rates
 Fixed Per Mile

2. 1.544 Mbps

Mileage Bands

0
Over 0 to 4
Over 4 to 8
Over 8 to 25
Over 25 to 50
Over 50

Anticipate

1L5XX	None	None
1L5XX (CR)	\$100.00	(CR) \$50.00
1L5XX	100.00	60.00
1L5XX	80.00	60.00
1L5XX	80.00	60.00
1L5XX (CR)	80.00	(CR) 60.00

3. 3.152 Mbps

Mileage Bands

0
Over 0 to 4
Over 4 to 8
Over 8 to 25
Over 25 to 50
Over 50

1L0++	None	None
1L0++	ICB	ICB
1L0++	ICB	ICB
1L0++	ICB	ICB
1L0++	ICB	ICB
1L0++	ICB	ICB
1L0++	ICB	ICB

CANCELLED

SEP 25 1989
BY 3rd R.S. #98
Public Service Commission
MISSOURI

FILED

Issued: SEP 25 1989

Effective: OCT 1 1989 OCT 1 1989

89-14

By R. D. BARRON, President-Missouri Division, Public Service Commission
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 98
Replacing Original Sheet 98

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Public Service Commission

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.8 High Capacity Service-(Continued)

USOC	Monthly Rates	
	Fixed	Per Mile

B. Channel Mileage-(Continued)

2. 1.544 Mbps

Mileage Bands

0	1L5XX	None	None
Over 0 to 4	1L5XX	\$132.22	\$67.53
Over 4 to 8	1L5XX	132.22	67.53
Over 8 to 25	1L5XX	132.22	67.53
Over 25 to 50	1L5XX	132.22	67.53
Over 50	1L5XX	132.22	67.53

3. 3.152 Mbps

Mileage Bands

0	1L0++	None	None
Over 0 to 4	1L0++	ICB	ICB
Over 4 to 8	1L0++	ICB	ICB
Over 8 to 25	1L0++	ICB	ICB
Over 25 to 50	1L0++	ICB	ICB
Over 50	1L0++	ICB	ICB

CANCELLED

OCT 1 1989
By *[Signature]* R.S.#98
Public Service Commission
MISSOURI

FILED
JUL 1 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 98

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MISSOURI
Public Service Commission

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

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

7.2.2 Digital Services-(Continued)

A. Wideband Digital Services-(Continued)

3. Wideband Digital 3 (WD3) Special Access Service-(Continued)

d. Available Facility Interface Combinations

<u>IC</u>	<u>End User</u>
8WB5-23S	12WC6-23S
8WB5-23A	10WC6-23

4. Wideband Digital 4 (WD4) Special Access Service

a. Description

Special Access Service WD4 provides for the transmission of 56 kbps synchronous serial data between an IC terminal location and an End User's premises.

b. Illustrative Application

When using the DATAPHONE Digital Service timing option, this service is suitable for use as part of the facilities required to provide intrastate Digital Data Off-Net Extension.

CANCELLED

JUL 1 1986

BY J.R.S. 98
PUBLIC SERVICE COMMISSION
OF MISSOURI

FILED

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
3rd Revised Sheet 99
Replacing 2nd Revised Sheet 99

ACCESS SERVICES

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SEP 25 1989

7. SPECIAL ACCESS SERVICE--(Continued)

(F) 7.4 Rates and Charges--(Continued)

(F) 7.4.7 High Capacity Service--(Continued)

MISSOURI
Public Service Commission

	USOC	Monthly Rates	
		Fixed	Per Mile

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B. Channel Mileage--(Continued)

4. 6.312 Mbps

Mileage Bands

0	1L0++	None
Over 0 to 4	1L0++	ICB
Over 4 to 8	1L0++	ICB
Over 8 to 25	1L0++	ICB
Over 25 to 50	1L0++	ICB
Over 50	1L0++	ICB

SEP 25 1993
BY *4th R.S. #99*
Public Service Commission
MISSOURI

5. 44.736 Mbps

Mileage Bands

0	1L0++	None	None
Over 0 to 4	1L0++	ICB	ICB
Over 4 to 8	1L0++	ICB	ICB
Over 8 to 25	1L0++	ICB	ICB
Over 25 to 50	1L0++	ICB	ICB
Over 50	1L0++	ICB	ICB

6. 274.176 Mbps

Mileage Bands

0	1L0++	None	None
Over 0 to 4	1L0++	ICB	ICB
Over 4 to 8	1L0++	ICB	ICB
Over 8 to 25	1L0++	ICB	ICB
Over 25 to 50	1L0++	ICB	ICB
Over 50	1L0++	ICB	ICB

Issued: SEP 25 1989

Effective: OCT 1

FILED

OCT 1 1989

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

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 99
Replacing 1st Revised Sheet 99

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.8 High Capacity Service-(Continued)

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MISSOURI
Public Service Commission

	USOC	Monthly Rates	
		Fixed	Per Mile

B. Channel Mileage-(Continued)

4. 6.312 Mbps

Mileage Bands

0	1LO++	None	None
Over 0 to 4	1LO++	ICB	ICB
Over 4 to 8	1LO++	ICB	ICB
Over 8 to 25	1LO++	ICB	ICB
Over 25 to 50	1LO++	ICB	ICB
Over 50	1LO++	ICB	ICB

5. 44.736 Mbps

Mileage Bands

0	1LO++	None	None
Over 0 to 4	1LO++	ICB	ICB
Over 4 to 8	1LO++	ICB	ICB
Over 8 to 25	1LO++	ICB	ICB
Over 25 to 50	1LO++	ICB	ICB
Over 50	1LO++	ICB	ICB

6. 274.176 Mbps

Mileage Bands

0	1LO++	None	None
Over 0 to 4	1LO++	ICB	ICB
Over 4 to 8	1LO++	ICB	ICB
Over 8 to 25	1LO++	ICB	ICB
Over 25 to 50	1LO++	ICB	ICB
Over 50	1LO++	ICB	ICB

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OCT 1 1989

BY 308 R.S.#99

Missouri Public Service Commission

None
ICB
ICB
ICB
ICB
ICB
OCT 1 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
1st Revised Sheet 99
Replacing Original Sheet 99

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

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

7.2.2 Digital Services-(Continued)

A. Wideband Digital Services-(Continued)

4. Wideband Digital 4 (WD4) Special Access Service-(Continued)

c. Transmission Performance

- Error-Free Seconds

While in service, the monthly average of the error-free seconds will be equal to or greater than 98.75 percent.

d. Available Facility Interface Combinations

<u>IC</u>	<u>End User</u>
4D05	6DU5-56

B. Digital Data Access Services

Digital Data Access Services are only available via Telephone Company-designated Digital Data Hubs.

1. Digital Data Access 1 (DA1) Special Access Service

a. Description

Special Access Service DA1 provides a channel for duplex four-wire transmission capability of serial synchronous data at the 2.4 kbps rate between an IC terminal location and an End User's premises. The service is synchronous with timing provided through the Telephone Company's facilities to the End User on the received bit stream.

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JUL 1 1986
BY *gnd R.S.99*
PUBLIC SERVICE COMMISSION
OF MISSOURI

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AUG 1 1984
MISSOURI
Public Service Commission

FILED
OCT 15 1984
Public Service Commission

Issued: **AUG 1 5 1984**

Effective: **OCT 1 5 1984**

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 99

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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

7.2.2 Digital Services-(Continued)

A. Wideband Digital Services-(Continued)

4. Wideband Digital 4 (WD4) Special Access Service-(Continued)

c. Transmission Performance

- Error-Free Seconds

While in service, the monthly average of the error-free seconds will be equal to or greater than 98.75 percent

d. Available Facility Interface Combinations

IC	End User
4WB5-64	6DU5-56
4DO5	6DU5-56

CANCELLED

OCT 15 1984
BY 1st RS 99
PUBLIC SERVICE COMMISSION
OF MISSOURI

B. Digital Data Access Services

Digital Data Access Services are only available via Telephone Company-designated Digital Data Hubs.

1. Digital Data Access 1 (DA1) Special Access Service

a. Description

Special Access Service DA1 provides a channel for duplex four-wire transmission capability of serial synchronous data at the 2.4 kbps rate between an IC terminal location and an End User's premises. The service is synchronous with timing provided through the Telephone Company's facilities to the End User on the received bit stream.

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JAN 1 1984
83 - 253

Public Service Commission

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
Supplemental Schedule
2nd Revised Sheet 99.01
Replacing 1st Revised Sheet 99.01

ACCESS SERVICES

HIGH CAPACITY SERVICES

	<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				
- 1.544 Mbps	TMECS	\$225.00	569.00	\$368.00

	<u>USOC</u>	<u>Monthly Rates</u>	
		<u>Fixed</u>	<u>Per Mile</u>
B. Channel Mileage			
1.544 Mbps			
<u>Mileage Bands</u>			
0	1L5XX	None	None
Over 0 to 4	1L5XX	\$100.00	\$50.00
Over 4 to 8	1L5XX	100.00	60.00
Over 8 to 25	1L5XX	80.00	60.00
Over 25 to 50	1L5XX	80.00	60.00
Over 50	1L5XX	80.00	60.00

Pursuant to Section 392.510.3, R.S.Mo. 1994

Issued: April 10, 1995

Effective: April 11, 1995

By HORACE WILKINS, JR., President-Missouri
Southwestern Bell Telephone
St. Louis, Missouri

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

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

Access Services Tariff
Section 7
1st Revised Sheet 99.01
Replacing Original Sheet 99.01

ACCESS SERVICES

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AUG 9 1991

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.7 High Capacity Service-(Continued)

**MISSOURI
Public Service Commission**

(AT)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
			<u>1st Ckt</u>	<u>Addl. Ckt</u>
C. Service to Service Through Connect Arrangement				
1. High Capacity Service Arrangement				
- 1.544 Mbps (DS1)	THA	None (CR) 181.00	(NR) 138.00	
2. Multiplexed Service Arrangement				
- 1.544 Mbps (DS1)	THK	None (CR) 294.00	(NR) 248.00	

CANCELLED

APR 11 1995
By *2nd RS 99.01*
Public Service Commission
MISSOURI

FILED

Issued: **AUG 09 1991**

Effective: ~~SEP 09 1991~~ **SEP 30 1991**

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 99.01

ACCESS SERVICES

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MISSOURI
Public Service Commission

7. SPECIAL ACCESS SERVICE--(Continued)

7.4 Rates and Charges--(Continued)

7.4.7 High Capacity Service--(Continued)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
C. Service to Service Through Connect Arrangement			
1. High Capacity Service Arrangement			
- 1.544 Mbps (DS1)	THA	None	\$201.00
2. Multiplexed Service Arrangement			
- 1.544 Mbps (DS1)	THK	None	\$321.00

CANCELLED

SEP 30 1991
BY 1st R.S. # 99.01
Public Service Commission
MISSOURI

Issued: FEB 22 1990

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

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

ACCESS SERVICES

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

7.4 Rates and Charges-(Continued)

7.4.7 High Capacity Service-(Continued)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
			<u>1st Ckt</u>	<u>Addl. Ckt</u>
C. Service to Service Through Connect Arrangement				
1. High Capacity Service Arrangement				
	THA	None	(CR) 181.00	(NR) 138.00
2. Multiplexed Service Arrangement				
(MT)	THK	None	(CR) 294.00	(NR) 248.00

Issued: April 10, 1995

Effective: April 11, 1995

By HORACE WILKINS, JR., President-Missouri
Southwestern Bell Telephone
St. Louis, Missouri

**P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF**

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
6th Revised Sheet 100
Replacing 5th Revised Sheet 100

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.7 High Capacity Service-(Continued)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
D. Optional Features, BSEs and Functions				
1. Multiplexing				
DS3 to DS1				
- Per arrangement	MXB++	ICB	None	
DS1 to Voice(1)				
- Per arrangement	MQ1	\$200.00	None	
DS1 to DSO				
- Per arrangement	QMU	600.00	None	
DSO to Subrates(2)				
- Per arrangement				(CP)
- Up to twenty 2.4 kbps services	QSU24	147.00	None	
- Up to ten 4.8 kbps services	QSU48	291.20	None	
- Up to five 9.6 kbps services	QSU96	556.30	None	

(1) A channel of this DS1 to the Hub can be used for a MegaLink Data Service.

(2) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

(AT)
|
(AT)

Issued: May 28, 2021

By CRAIG UNRUH, President - Missouri
St. Louis, Missouri

Effective: June 30, 2021

FILED
Missouri Public
Service Commission
JI-2021-0210

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

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

Access Services Tariff
Section 7
5th Revised Sheet 100
Replacing 4th Revised Sheet 100

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.7 High Capacity Service-(Continued)

D. Optional Features, BSEs and Functions

1. Multiplexing

(RT)
|
(RT)

DS3 to DS1

- Per arrangement

<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
MXB++	ICB	None

(RT)
|
(RT)

DS1 to Voice(1)

- Per arrangement

MQ1	\$200.00	None
-----	----------	------

DS1 to DSO

- Per arrangement

QMU	600.00	None
-----	--------	------

DSO to Subrates

- Per arrangement

- Up to twenty 2.4 kbps services

QSU24	147.00	None
-------	--------	------

- Up to ten 4.8 kbps services

QSU48	291.20	None
-------	--------	------

- Up to five 9.6 kbps services

QSU96	556.30	None
-------	--------	------

(1) A channel of this DS1 to the Hub can be used for a MegaLink Data Service.

Issued: August 27, 1993

Effective: September 27, 1993

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
4th Revised Sheet 100
Replacing 3rd Revised Sheet 100

ACCESS SERVICES

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MAR 29 1993

7. SPECIAL ACCESS SERVICE--(Continued)

7.4 Rates and Charges--(Continued)

7.4.7 High Capacity Service--(Continued)

(AT) D. Optional Features, BSEs and Functions

MISSOURI
Public Service Commission
Monthly Rates Nonrecurring Charges

CANCELLED

1. Multiplexing

DS4 to DS1

- Per arrangement

MXA++ ICB

DS3 to DS1

- Per arrangement

MXB++ ICB

None

DS2 to DS1

- Per arrangement

MXD++ ICB

None

DS1C to DS1

- Per arrangement

MXH++ ICB

None

DS1 to Voice(1)

- Per arrangement

MQ1 \$200.00

None

DS1 to DS0

- Per arrangement

QMU 600.00

None

DS0 to Subrates

- Per arrangement

- Up to twenty 2.4 kbps services

QSU24 147.00

None

- Up to ten 4.8 kbps services

QSU48 291.20

None

- Up to five 9.6 kbps services

QSU96 556.30

None

(1) A channel of this DS1 to the Hub can be used for a MegaLink Data Service.

Issued: MAR 29 1993

Effective:

FILED

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 COM. 1

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

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

Access Services Tariff
Section 7
3rd Revised Sheet 100
Replacing 2nd Revised Sheet 100

ACCESS SERVICES

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FEB 20 1990

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.7 High Capacity Service-(Continued)

MISSOURI
Public Service Commission
Nonrecurring
Charges

(FC)	D. Optional Features and Functions	USOC	Monthly Rates	Charges
	1. Multiplexing			
	DS4 to DS1			
	- Per arrangement	MXA++	ICB	None
	DS3 to DS1			
	- Per arrangement	MXB++	ICB	None
	DS2 to DS1			
	- Per arrangement	MXD++	ICB	None
	DS1C to DS1			
	- Per arrangement	MXE++	ICB	None
	DS1 to Voice(1)			
	- Per arrangement	HQ1	\$200.00	None
	DS1 to DS0			
	- Per arrangement	QMU	600.00	None
	DS0 to Subrates			
	- Per arrangement			
	- Up to twenty 2.4 kbps services	QSU24	147.00	None
	- Up to ten 4.8 kbps services	QSU48	291.20	None
	- Up to five 9.6 kbps services	QSU96	556.30	None

CANCELLED

APR 11 1993
BY H. R. S. #100
Public Service Commission
MISSOURI

(1) A channel of this DS1 to the Hub can be used for a MegaLink Data Service.

Issued: FEB 22 1990

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

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

Access Services Tariff
Section 7
2nd Revised Sheet 100
Replacing 1st Revised Sheet 100

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

RECEIVED

(FC) 7.4 Rates and Charges-(Continued)

SEP 25 1989

(FC) 7.4.7 High Capacity Service-(Continued)

Missouri
Monthly Nonrecurring
Rates Public Charges Commissioner

C. Optional Features and Functions

1. Multiplexing

DS4 to DS1

- Per arrangement MXA++ ICB None

DS3 to DS1

- Per arrangement MXB++ ICB None

DS2 to DS1

- Per arrangement MXD++ ICB None

DS1C to DS1

- Per arrangement MXH++ ICB None

DS1 to Voice(1)

- Per arrangement MQ1 (CR)\$200.00 None

DS1 to DS0

- Per arrangement QMU (CR) 600.00 None

DS0 to Subrates

- Per arrangement

- Up to twenty 2.4 kbps services QSU24 (CR) 147.00

- Up to ten 4.8 kbps services QSU48 (CR) 291.20 None

- Up to five 9.6 kbps services QSU96 (CR) 556.30 None

(CT) (1) A channel of this DS1 to the Hub can be used for a MegaLink Data Service.

CANCELLED
MAR 26 1990
BY 3rd R.S.#100
Public Service Commission
MISSOURI

Issued:

SEP 25 1989

Effective: OCT 1 1989

FILED

By R. D. BARRON, President-Missouri Division

OCT 1 1989
89-14

Southwestern Bell Telephone Company Public Service Commission
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 100
Replacing Original Sheet 100

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.8 High Capacity Service-(Continued)

RECEIVED
JUN 27 1986
MISSOURI
Public Service Commission

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Charges</u>
C. Optional Features and Functions			
1. Multiplexing			
DS4 to DS1			
- Per arrangement	MXA++	ICB	None
DS3 to DS1			
- Per arrangement	MXB++	ICB	None
DS2 to DS1			
- Per arrangement	MXD++	ICB	None
DS1C to DS1			
- Per arrangement	MXH++	ICB	None
DS1 to Voice(1)			
- Per arrangement	MQ1	\$409.55	None
DS1 to DSO			
- Per arrangement	QMU	351.98	None
DSO to Subrates			
- Per arrangement			
- Up to twenty 2.4 kbps services	QSU24	177.09	None
- Up to ten 4.8 kbps services	QSU48	344.47	None
- Up to five 9.6 kbps services	QSU96	668.44	None

CANCELLED
None
OCT 1 1989
BY *200 R.S.#100*
Public Service Commission
JUL 1 1986
86-84
Public Service Commission

(1) A channel of this DS1 to the Hub can be used for a Digital Data Service.

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 100

ACCESS SERVICES

DEC 29 1985

7. SPECIAL ACCESS SERVICE-(Continued)

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

7.2.2 Digital Services-(Continued)

B. Digital Data Access Services-(Continued)

1. Digital Data Access 1 (DA1) Special Access Service-(Continued)

a. Description

DA1 is available only between the IC terminal location and locations designated by the Telephone Company which are served by digital facilities. All other locations are connectible to the Telephone Company-designated digital Hub only through an analog off-network extension which is provided as a Voice Grade 10 Service as set forth in Paragraph 7.2.1, B., preceding.

b. Illustrative Application

Special Access Service DA1 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Digital Data - 2.4 kbps

c. Optional Features

- Transfer arrangement
- Central office bridging capability

CANCELLED

JUL 1 1986

BY LETRS.100
PUBLIC SERVICE COMMISSION
OF MISSOURI

FILED

JAN 1 1986
83-253

Public Service Commission

Issued: DEC 29 1985

Effective: JAN 01 1984

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

**P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF**

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
6th Revised Sheet 101
Replacing 5th Revised Sheet 101

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.7 High Capacity Service-(Continued)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
D. Optional Features, BSEs and Functions-(Continued)			
2.			
3. Transfer Arrangement (key activated(2)(5))			
- Per four port arrangement including control channel termination(3)	USV	241.50	235.00
4. Clear Channel Capability			
- Per 1.544 Mbps High Capacity Channel Termination	CLR	30.00	88.00(4)

- (2) The key activated control channel is rated as a metallic channel termination (use USOC T6EME in lieu of T6ECS) and channel mileage, if applicable (use USOC 1L5MX in lieu of 1L5XX).
- (3) An additional Channel Termination Charge will apply whenever a spare channel is configured as a leg to the customer's premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer premises serving wire center.
- (4) This charge applies to installing clear channel capability coincident with the initial installation of the 1.544 Mbps service. Installation of this option to existing 1.544 Mbps service will be charged \$135.00 nonrecurring charge.
- (5) Effective June 30, 2021, Metallic Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

(AT)
|
(AT)

Issued: May 28, 2021

Effective: June 30, 2021

By CRAIG UNRUH, President - Missouri
St. Louis, Missouri

FILED
Missouri Public
Service Commission
JI-2021-0210

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

**P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF**

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
5th Revised Sheet 101
Replacing 4th Revised Sheet 101

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.7 High Capacity Service-(Continued)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
D. Optional Features, BSEs and Functions-(Continued)			
(RT) 2.			
(RT) 3. Transfer Arrangement (key activated(2))			
- Per four port arrangement including control channel termination(3)	USV	241.50	235.00
4. Clear Channel Capability			
- Per 1.544 Mbps High Capacity Channel Termination	CLR	30.00	88.00(4)

- (RT)
(RT)
- (2) The key activated control channel is rated as a metallic channel termination (use USOC T6EME in lieu of T6ECS) and channel mileage, if applicable (use USOC 1L5MX in lieu of 1L5XX).
- (3) An additional Channel Termination Charge will apply whenever a spare channel is configured as a leg to the customer's premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer premises serving wire center.
- (4) This charge applies to installing clear channel capability coincident with the initial installation of the 1.544 Mbps service. Installation of this option to existing 1.544 Mbps service will be charged \$135.00 nonrecurring charge.

Issued: November 9, 2011

Effective: December 9, 2011

CANCELLED
June 30, 2021
Missouri Public
Service Commission
JI-2021-0210

By JOHN SONDAG, President - Missouri
St. Louis, Missouri

FILED
Missouri Public
Service Commission
JI-2012-0208

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

Access Services Tariff
Section 7
4th Revised Sheet 101
Replacing 3rd Revised Sheet 101

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.7 High Capacity Service-(Continued)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(AT) D. Optional Features, BSEs and Functions-(Continued)			
2. Automatic Loop Transfer			
- Per arrangement(1)	T59	\$736.10	210.00
3. Transfer Arrangement (key activated(2))			
- Per four port arrangement including control channel termination(3)	USV	241.50	235.00
4. Clear Channel Capability			
- Per 1.544 Mbps High Capacity Channel Termination	CLR	30.00	88.00(4)

- (1) An additional Channel Termination Charge will apply whenever the spare line is provided as a leg to the customer premises.
- (2) The key activated control channel is rated as a metallic channel termination (use USOC T6EME in lieu of T6ECS) and channel mileage, if applicable (use USOC 1L5MX in lieu of 1L5XX).
- (3) An additional Channel Termination Charge will apply whenever a spare channel is configured as a leg to the customer's premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer premises serving wire center.
- (4) This charge applies to installing clear channel capability coincident with the initial installation of the 1.544 Mbps service. Installation of this option to existing 1.544 Mbps service will be charged \$135.00 nonrecurring charge.

Issued: March 26, 1993

Effective: April 11, 1993

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

CANCELLED
December 9, 2011
Missouri Public
Service Commission
JI-2012-0208

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

Access Services Tariff
Section 7
3rd Revised Sheet 101
Replacing 2nd Revised Sheet 101

RECEIVED

FEB 20 1990

MISSOURI
Public Service Commission

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.7 High Capacity Service-(Continued)

(PC)

D. Optional Features and Functions-(Continued)

2. Automatic Loop Transfer

- Per arrangement(1)

T59

\$736.10

210.00

3. Transfer Arrangement (key activated(2))

- Per four port arrangement including control channel termination(3)

USV

241.50

4. Clear Channel Capability

- Per 1.544 Mbps High Capacity Channel Termination

CLR

(NR) 30.00

(NR) 88.00(4)

CANCELLED

APR 11 1993
BY *H.R.S.* #101
Public Service Commission
MISSOURI

(AT)

(AT)

- (1) An additional Channel Termination Charge will apply whenever the spare line is provided as a leg to the customer premises.
- (2) The key activated control channel is rated as a metallic channel termination (use USOC T6EME in lieu of T6ECS) and channel mileage, if applicable (use USOC 1L5MX in lieu of 1L5XX).
- (3) An additional Channel Termination Charge will apply whenever a spare channel is configured as a leg to the customer's premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer premises serving wire center.
- (4) This charge applies to installing clear channel capability coincident with the initial installation of the 1.544 Mbps service. Installation of this option to existing 1.544 Mbps service will be charged \$135.00 nonrecurring charge.

(AT)

(AT)

Issued: FEB 22 1990

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

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

Access Services Tariff
Section 7
2nd Revised Sheet 101
Replacing 1st Revised Sheet 101

ACCESS SERVICES

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SEP 25 1989

MISSOURI
Public Service Commission

7. SPECIAL ACCESS SERVICE--(Continued)

(FC) 7.4 Rates and Charges--(Continued)

(FC) 7.4.7 High Capacity Service--(Continued)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
C. Optional Features and Functions--(Continued)			
2. Automatic Loop Transfer			
- Per arrangement(1)	T59	(CR)\$736.10	(NR)\$210.00
3. Transfer Arrangement (key activated(2))			
- Per four port arrangement including control channel termination(3)	USV	(CR) 241.50	(NR) 235.00

CANCELLED
MAR 26 1990
BY 308 P.S.# 101
Public Service Commission
MISSOURI

- (1) An additional Channel Termination Charge will apply whenever the spare line is provided as a leg to the customer premises.
- (2) The key activated control channel is rated as a metallic channel termination (use USOC T6EME in lieu of T6ECS) and channel mileage, if applicable (use USOC 1L5MX in lieu of 1L5XX).
- (3) An additional Channel Termination Charge will apply whenever a spare channel is configured as a leg to the customer's premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer premises serving wire center.

Issued:

SEP 25 1989

Effective: OCT 1 1989

FILED

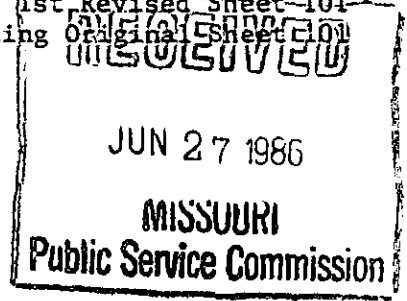
By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
St. Louis, Missouri

OCT 1 1989
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

1st Revised Sheet 101
Replacing Original Sheet 101



(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.8 High Capacity Service-(Continued)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
C. Optional Features and Functions-(Continued)			
2. Automatic Loop Transfer			
- Per arrangement(1)	T59	\$902.00	None
3. Transfer Arrangement (key activated(2))			
- Per four port arrangement including control channel termination(3)	USV	223.90	None

CANCELLED
OCT 1 1989
BY *RS#101*
Public Service Commission
MISSOURI

- (1) An additional Channel Termination Charge will apply whenever the spare line is provided as a leg to the customer premises.
- (2) The key activated control channel is rated as a metallic channel termination (use USOC T6EME in lieu of T6ECS) and channel mileage, if applicable (use USOC 1L5MX in lieu of 1L5XX).
- (3) An additional Channel Termination Charge will apply whenever a spare channel is configured as a leg to the customer's premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer premises serving wire center.

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 101

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

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

7.2.2 Digital Services-(Continued)

B. Digital Data Access Services-(Continued)

1. Digital Data Access 1 (DA1) Special Access Service-(Continued)

d. Transmission Performance

- Error-Free Seconds

While in service, the monthly average of the error-free seconds will be equal to or greater than 99.875 percent.

e. Available Facility Interface Combinations

<u>IC</u>	<u>End User</u>
4DS9-15(1)	6DU5-24
6DU5-24	6DU5-24

DEC 29 1983
Public Service Commission

CANCELLED

JUL 1 1986

BY RS101
PUBLIC SERVICE COMMISSION
OF MISSOURI

JAN 1 1984
83-253

(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.

Issued: DEC 29 1983

Effective: JAN 01 1984

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

P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
8th Revised Sheet 102
Replacing 7th Revised Sheet 102

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.7 High Capacity Service-(Continued)

D. Optional Features and functions-(Continued)	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
5. Extended Superframe Format - Per 1.544 Mbps Channel termination	SF1	None	None
6. Power Over the Interface - Per 1.544 Mbps Channel interface	PW1	None	None

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

(RT)

(RT)

Issued: July 19, 2012

Effective: August 18, 2012

By JOHN SONDAG, President - Missouri
St. Louis, Missouri

FILED
Missouri Public
Service Commission
JI-2013-0048

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

Access Services Tariff
Section 7
7th Revised sheet 102
Replacing 6th Revised Sheet 102

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.7 High Capacity Service-(Continued)

D. Optional Features and functions-(Continued)	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
5. Extended Superframe Format - Per 1.544 Mbps Channel termination	SF1	None	None
6. Power Over the Interface - Per 1.544 Mbps Channel interface	PW1	None	None

7.4.8 DovLink Service

A. Channel Termination	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
			<u>1st Ckt</u>	<u>Addl. Ckt</u>
- Per point of termination				
- 2.4 kbps	NTNTX	(CR)\$17.20	(CR)\$190.00	(CR)\$120.00
- 4.8 kbps	NTNTX	(CR)\$17.20	(CR)\$190.00	(CR)\$120.00
- 9.6 kbps	NTNTX	(CR)\$34.40	(CR)\$190.00	(CR)\$120.00

B. Channel Mileage	<u>USOC</u>	<u>Monthly Rates</u>	
		<u>Fixed</u>	<u>Per Mile</u>
2.4 kbps		Rates are as set forth in Paragraph 7.4.6., B., preceding.	
4.8 kbps			
9.6 kbps			

Issued: **MAY 26, 2000**

Effective: **JUNE 25, 2000**

By JAN NEWTON, President-Missouri
Southwestern Bell Telephone Company
St. Louis, Missouri

CANCELED
August 18, 2012
Missouri Public
Service Commission
JI-2013-0048

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

Access Services Tariff
Section 7
6th Revised sheet 102
Replacing 5th Revised Sheet 102

ACCESS SERVICES

RECEIVED

MAR 29 1993

MISSOURI
Public Service Commission

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.7 High Capacity Service-(Continued)

(AT) D. Optional Features, BSEs and functions-(Continued)	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
5. Extended Superframe Format - Per 1.544 Mbps Channel termination	SF1	None	None
6. Power Over the Interface - Per 1.544 Mbps Channel interface	PW1	None	None

7.4.8 DovLink Service

A. Channel Termination	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
			<u>1st Ckt</u>	<u>Addl. Ckt</u>
- Per point of termination				
- 2.4 kbps	NTNTX	\$16.00	\$176.50	\$112.00
- 4.8 kbps	NTNTX	\$16.00	\$176.50	\$112.00
- 9.6 kbps	NTNTX	\$32.00	\$176.50	\$112.00

B. Channel Mileage	<u>USOC</u>	<u>Monthly Rates</u>	
		<u>Fixed</u>	<u>Per Mile</u>
2.4 kbps			
4.8 kbps			
9.6 kbps			

Rates are as set forth in Paragraph 7.4.6, B., preceding.

CANCELLED

JUN 25 2000
By *775 RS 102*
Public Service Commission
MISSOURI

Issued: **MAR 26 1993**

Effective:

APR 11 1993

By A. D. ROBERTSON, Assistant Vice President-External Affairs
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
5th Revised sheet 102
Replacing 4th Revised Sheet 102

ACCESS SERVICES

OCT 5 1992

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.7 High Capacity Service-(Continued)

(C)	D. Optional Features and functions-(Continued)	USOC	Monthly Rates	Nonrecurring Charges
	5. Extended Superframe Format - Per 1.544 Mbps Channel termination	SF1	None	None
	6. Power Over the Interface - Per 1.544 Mbps Channel interface	PW1	None	None

(AT)(FC) 7.4.8 DovLink Service

A. Channel Termination	USOC	Monthly Rates	Nonrecurring Charges	
			1st Ckt	Addl. Ckt
- Per point of termination				
- 2.4 kbps	NTNTX (NR)	\$16.00 (NR)	\$176.50 (NR)	\$112.00 (NR)
- 4.8 kbps	NTNTX	\$16.00	\$176.50	\$112.00
- 9.6 kbps	NTNTX (NR)	\$32.00 (NR)	\$176.50 (NR)	\$112.00 (NR)

B. Channel Mileage	USOC	Monthly Rates	
		Fixed	Per Mile
2.4 kbps			
4.8 kbps			
9.6 kbps			

CANCELLED

APR 11 1993
BY 6th R.S. #102
Public Service Commission
MISSOURI

DEC 4 1992
MO. PUBLIC SERVICE COMM.

Issued: OCT 05 1992

Effective: ~~NOV 05 1992~~

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
4th Revised Sheet 102
Replacing 3rd Revised Sheet 102

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

APR 20 1990

7.4 Rates and Charges-(Continued)

MISSOURI

Public Service Commission

(AT) 7.4.7 High Capacity Service-(Continued)

C. Optional Features and Functions-(Continued)

USOC	Monthly Rate	Nonrecurring Charges
------	--------------	----------------------

5. Extended Superframe Format
- Per 1.544 Mbps channel termination

SF1	None	None
-----	------	------

6. Power Over the Interface
- Per 1.544 Mbps channel termination

PW1	None	None
-----	------	------

(AT)

7.4.8 Special Access Surcharge

	USOC	Monthly Rate
Per Voice Equivalent Channel	S25	\$25.00

7.4.9 Message Station Equipment Recovery Charge

	USOC	Monthly Rate
Message Station Equipment Recovery Charge		
- Per Special Access Surcharge Assessed	UTM	None

CANCELLED

DEC 4 1992

BY *R.S. #105*

Public Service Commission
MISSOURI

FILED

JUN 6 1990

Public Service Commission

Issued: MAY 07 1990

Effective: JUN 06 1990

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
3rd Revised Sheet 102
Replacing 2nd Revised Sheet 102

ACCESS SERVICES

RECEIVED

7. SPECIAL ACCESS SERVICE-(Continued)

SEP 25 1989

(FC) 7.4 Rates and Charges-(Continued)

(RT)

MISSOURI
Public Service Commission

CANCELLED

JUN 6 1990

BY 4#RS.#102
Public Service Commission
MISSOURI

(FC) 7.4.8 Special Access Surcharge

	<u>USOC</u>	<u>Monthly Rate</u>
Per Voice Equivalent Channel	S25	\$25.00

(FC) 7.4.9 Message Station Equipment Recovery Charge

	<u>USOC</u>	<u>Monthly Rate</u>
Message Station Equipment Recovery Charge		
- Per Special Access Surcharge Assessed	UTM	None

Issued: SEP 25 1989

Effective: OCT 1 1989

FILED

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

OCT 1 1989
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
2nd Revised Sheet 102
Replacing 1st Revised Sheet 102

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE--(Continued)

7.5 Rates and Charges--(Continued)

7.5.8 High Capacity Service--(Continued)

RECEIVED

JUN 22 1988

MISSOURI
Public Service Commission

(DR)

(DR)

7.5.9 Special Access Surcharge

	<u>USOC</u>	<u>Monthly Rate</u>
Per Voice Equivalent Channel	S25	\$25.00

7.5.10 Message Station Equipment Recovery Charge

	<u>USOC</u>	<u>Monthly Rate</u>
Message Station Equipment Recovery Charge		
- Per Special Access Surcharge Assessed	UTM	None

CANCELLED

OCT 1 1989

BY 3rd R.S.#102
Public Service Commission
MISSOURI

(RT)

Issued: ~~_____~~
JUN 22 1988

Effective: ~~_____~~
JUL 8 1988

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

FILED

JUL 8 1988

88-287
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 102
Replacing Original Sheet 102

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.8 High Capacity Service-(Continued)

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JUN 27 1986
MISSOURI
Public Service Commission

D. Network Channel Terminating Equipment (NCTE)(1)

- Per point of termination where provided

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
- 1.544 Mbps	TN615	\$ 91.26	None
- Automatic Loop Transfer	TN6AL	1459.50	None

7.5.9 Special Access Surcharge

	<u>USOC</u>	<u>Monthly Rate</u>
Per Voice Equivalent Channel	S25	\$25.00

CANCELLED
JUL 8 1988
BY *2nd* *RS #102*
Public Service Commission
MISSOURI

7.5.10 Message Station Equipment Recovery Charge

	<u>USOC</u>	<u>Monthly Rate</u>
Message Station Equipment Recovery Charge		
- Per Special Access Surcharge Assessed	UTM	None

FILED
JUL 2 1986
86-84
Public Service Commission

(1) NCTE will only be provided under tariff if it existed in the Telephone Company's inventory as of November 18, 1983.

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 102

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DEC 29 1983

Public Service Commission

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

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

7.2.2 Digital Services-(Continued)

B. Digital Data Access Services-(Continued)

2. Digital Data Access 2 (DA2) Special Access Service

a. Description

Special Access Service DA2 provides a channel for duplex four-wire transmission capability of serial synchronous data at the 4.8 kbps rate between an IC terminal locations and an End User's premises. The service is synchronous with timing provided through the Telephone Company's facilities to the End User on the received bit stream.

DA2 is available only between the IC terminal location and locations designated by the Telephone Company which are served by digital facilities. All other locations are connectible to the Telephone Company-designated digital Hub only through an analog off-network extension which is provided as a Voice Grade 10 Service as set forth in Paragraph 7.2.1, B., preceding.

b. Illustrative Application

Special Access Service DA2 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Digital Data - 4.8 kbps

CANCELLED

JUL 1 1986

BY 1 R.S. 102
PUBLIC SERVICE COMMISSION
OF MISSOURI

FILED

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

P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
5th Revised Sheet 103
Replacing 4th Revised Sheet 103

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140 (RT)

Issued: July 19, 2012

By JOHN SONDAG, President - Missouri
St. Louis, Missouri

Effective: August 18, 2012

FILED
Missouri Public
Service Commission
JI-2013-0048

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

Access Services Tariff
Section 7
4th Revised Sheet 103
Replacing 3rd Revised Sheet 103

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.8 DovLink Service-(Continued)

C. Bridging

- Per Port

	<u>USOC</u>	<u>Monthly Rates</u>
		<u>Fixed</u> <u>Per Mile</u>

Rates are as set forth in Paragraph 7.4.6, D.,1., preceding.

(MT)

Issued: February 9, 1993

Effective: April 19, 1993

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

Southwestern Bell Telephone Company

St. Louis, Missouri

CANCELED
August 18, 2012
Missouri Public
Service Commission
JI-2013-0048

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

Access Services Tariff
Section 7
3rd Revised Sheet 103
Replacing 2nd Revised Sheet 103

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.8 DovLink Service-(Continued)

C. Bridging

- Per Port

	Monthly Rates	
<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>

Rates are as set forth in Paragraph 7.4.6(D)(1), preceding.

7.4.9 Special Access Surcharge

Per Voice Equivalent Channel

<u>USOC</u>	<u>Monthly Rate</u>
\$25	\$25.00

7.4.10 Message Station Equipment Recovery Charge

Message Station Equipment Recovery Charge

- Per Special Access Surcharge Assessed

<u>USOC</u>	<u>Monthly Rate</u>
UTM	None

CANCELLED

APR 19 1993
BY 4th R.S. #103
Public Service Commission
MISSOURI

DEC 4 1992

MO. PUBLIC SERVICE COMMISSION

DEC - 4 1992

Issued: **OCT - 5 1992**

Effective: ~~NOV - 5 1992~~

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
2nd Revised Sheet 103
Replacing 1st Revised Sheet 103

ACCESS SERVICES

RECEIVED

7. SPECIAL ACCESS SERVICE--(Continued)

AUG 9 1991

(AT) 7.4 Rates and Charges--(Continued)

**MISSOURI
Public Service Commission**

7.4.10 Administrative Charges

1. Access Order Charge

Nonrecurring Charges
(See Section 5)

2. Service Rearrangement Charge

	<u>USOC</u>	<u>Nonrecurring Charges</u>	
		<u>1st Ckt</u>	<u>Addl. Ckt</u>

-Per circuit(1) on the same Access Order for one or and combination of the following changes:

- Access Carrier Name Abbreviation (ACNA). . . .	(NR)\$10.00	(NR)\$6.00
- Billing Account Number (BAN).	(NR) 11.00	(NR) 6.00
- Customer Circuit ID (CKR).	(NR) 9.00	(NR) 5.00

CANCELLED

DEC 4 1992
BY 3rd R.S. #103
**Public Service Commission
MISSOURI**

(1) Each leg of a multipoint service will be treated as a separate circuit and charges applied as described in Paragraph 7.3.1.

(AT)

Issued: **AUG 0 9 1991**

Effective:

~~SEP 0 9 1991~~

FILED

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

SEP 30 1991
SEP 30 1991

Public Service Commission

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

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Access Services Tariff
Section 7
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Public Service Commission

(CP) ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

(RT)

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CANCELLED

SEP 30 1991
BY 2nd RS 103
Public Service Commission
MISSOURI

FILED
JUL 1 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
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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

DEC 20 1983

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

7.2.2 Digital Services-(Continued)

Public Service Commission

B. Digital Data Access Services-(Continued)

2. Digital Data Access 2 (DA2) Special Access Service-(Continued)

c. Optional Features

- Loop Transfer arrangement.
- Central office bridging capability.

d. Transmission Performance

- Error-Free Seconds

While in service, the monthly average of the error-free seconds will be equal to or greater than 99.875 percent.

e. Available Facility Interface Combinations

<u>IC</u>	<u>End User</u>
4DS9-15(1)	6DU5-48
6DU5-48	6DU5-48

CANCELLED

JUL 1 1986

BY RS.103
PUBLIC SERVICE COMMISSION
OF MISSOURI

RECEIVED

JAN 1 1984
83-258

(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.

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
4th Revised Sheet 104
Replacing 3rd Revised Sheet 104

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

(CT) 7.4.9 (Reserved for Future Use)

(RT)



(RT)

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

Issued: January 10, 1997

Effective: February 10, 1997

By KAREN E. JENNINGS, 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
3rd Revised sheet 104
Replacing 2nd Revised Sheet 104

RECEIVED

FEB 9 1993

MISSOURI
Public Service Commission

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE--(Continued)

7.4 Rates and Charges--(Continued)

(AT)(FC) 7.4.9 Business Video Service

	USOC	Monthly Rates	Nonrecurring Charges	
			1st Ckt	Addl. Ckt
A. Channel Termination				
- Per point of termination				
- Business Video I	TMEV1	(NR) \$805.00	(NR) \$746.00	(NR) \$426.00
- Business Video II	TMEV1	(NR) \$910.00	(NR) \$746.00	(NR) \$426.00

	USOC	Monthly Rates	
		Fixed	Per Mile

B. Channel Mileage

1. Business Video I

Mileage Bands

0	1L5XX	None	None
Over 0	1L5XX	(NR) \$65.00	(NR) \$13.00

2. Business Video II

Mileage Bands

0	1L5XX	None	None
Over 0	1L5XX	(NR) \$70.00	(NR) \$15.00

FEB 10 1993
BY 4th R.S. # 104
Public Service Commission
MISSOURI

FILED

APR 19 1993

APR 19 1993

MISSOURI PUBLIC SERVICE COMMISSION

Issued: FEB 09 1993

Effective: ~~MAR 14 1993~~

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
2nd Revised Sheet 104
Replacing 1st Revised Sheet 104

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE--(Continued)

7.4 Rates and Charges--(Continued)

7.4.11 Administrative Charges

1. Access Order Charges

Nonrecurring Charges
(See Section 5)

2. Service Arrangement Charge

<u>USOC</u>	<u>Nonrecurring Charges</u>
	<u>1st Ckt</u> <u>Addl. Ckt</u>

- Per circuit(1) on the same Access Order for one or and combination of the following changes:

- Access Carrier Name Abbreviation (ACNA).	\$10.00	\$6.00
- Billing Account Number (BAN).	11.00	6.00
- Customer Circuit ID (CKR).	9.00	5.00

CANCELLED
APR 19 1993
BY 311 R.S. #104
Public Service Commission
MISSOURI

DEC 4 1992

(1) Each leg of a multipoint service will be treated as a separate circuit and charges applied as described in Paragraph 7.3.1.

DEC - 4 1992

Issued: **OCT - 5 1992** Effective: ~~NOV - 5 1992~~

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 104
Replacing Original Sheet 104
Through

ACCESS SERVICES

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AUG 9 1991

7. SPECIAL ACCESS SERVICE--(Continued)

**MISSOURI
Public Service Commission**

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CANCELLED

DEC 4 1992
BY 2nd R.S. #104

**Public Service Commission
MISSOURI**

Issued: **AUG 09 1991**

Effective: ~~SEP 09 1991~~
SEP 30 1991

FILED

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

SEP 30 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
Original Sheet 104

ACCESS SERVICES

DEC 20 1983

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Technical Service Descriptions for Special Access Service-(Continued) M.S. BARRON
Public Service Commission

7.2.2 Digital Services-(Continued)

B. Digital Data Access Services-(Continued)

3. Digital Data Access 3 (DA3) Special Access Service

a. Description

Special Access Service DA3 provides a channel for duplex four-wire transmission capability of serial synchronous data at the 9.6 kpbs rate between an IC terminal location and an End User's premises. The service is synchronous with timing provided through the Telephone Company's facilities to the End User on the received bit stream.

DA3 is available only between the IC terminal location and locations designated by the Telephone Company which are served by digital facilities. All other locations are connectible to the Telephone Company-designated digital Hub only through an analog off-network extension which is provided as a Voice Grade 10 Service as set forth in Paragraph 7.2.1, B., preceding.

b. Illustrative Application

Special Access Service DA3 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Digital Data - 9.6 kbps

CANCELLED

JUL 1 1986

BY RS 104
PUBLIC SERVICE COMMISSION
OF MISSOURI

FILED

JAN 1 1984
83 - 253

Public Service Commission

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

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

(CT) 7.4.9 (Reserved for Future Use)

(RT)

—

(RT)

7.4.10	Special Access Surcharge	<u>USOC</u>	Monthly <u>Rate</u>
	Per Voice Equivalent Channel	\$25	\$25.00

7.4.11	Message Station Equipment Recovery Charge	<u>USOC</u>	Monthly <u>Rate</u>
	Message Station Equipment Recovery Charge		
	- Per Special Access Surcharge Assesd.	UTM	None

(RT)

—

(RT)

Issued: January 10, 1997

Effective: February 10, 1997

By KAREN E. JENNINGS, President-Missouri
Southwestern Bell Telephone Company
St. Louis, Missouri

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

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

Access Services Tariff
Section 7
Original Sheet 105

ACCESS SERVICES

FILED

FEB 9 1993

MISSOURI
Public Service Commission

7. SPECIAL ACCESS SERVICE--(Continued)

7.4 Rates and Charges--(Continued)

(AT)(FC) 7.4.9 Business Video Service--(Continued)

C. Optional Features and Functions

USOC	Monthly Rates	Nonrecurring Charges
------	---------------	----------------------

1. Split Screen Capability

- Per Business Video Channel termination

VSE XXXXX	(NR)\$130.00	(NR)\$132.00*
--------------	--------------	---------------

(AT)

(MT)(FC) 7.4.10 Special Access Surcharge

USOC	Monthly Rate
------	--------------

Per Voice Equivalent Channel

S25	\$25.00
-----	---------

(FC) 7.4.11 Message Station Equipment Recovery Charge

USOC	Monthly Rate
------	--------------

Message Station Equipment Recovery Charge

- Per Special Access Surcharge Assed.

UTM	None
-----	------

(MT)

CANCELLED

FEB 10 1993
BY 1st R.S. #105
Public Service Commission
MISSOURI

FILED

(AT) * Applicable when ordered subsequently to the initial installation of Business Video Service.
(AT)

MO. PUBLIC SERVICE COMM.

Issued: FEB 09 1993

Effective: APR 19 1993
~~MAR 11 1993~~

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
Original Sheet 105

RECEIVED
DEC 29 1983
Public Service Commission

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

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

7.2.2 Digital Services-(Continued)

B. Digital Data Access Services-(Continued)

3. Digital Data Access 3 (DA3) Special Access Service-(Continued)

c. Optional Features

- Loop Transfer arrangement.
- Central office bridging capability.

d. Transmission Performance

- Error-Free Seconds

While in service, the monthly average of the error-free seconds will be equal to or greater than 99.875 percent.

e. Available Facility Interface Combinations

<u>IC</u>	<u>End User</u>
4DS9-15(1)	6DU5-96
6DU5-96	6DU5-96

CANCELLED

JUL 1 1986

BY RS.105
PUBLIC SERVICE COMMISSION
MISSOURI

FILED

JAN 1 1984
83-253

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

Issued: DEC 29 1983

Effective: JAN 0 1 1984

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

**P.S.C. Mo. - No. 36
ACCESS SERVICES TARIFF**

Southwestern Bell Telephone
Company d/b/a AT&T Missouri

Section 7
2nd Revised Sheet 106
Replacing 1st Revised Sheet 106

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rates and Charges-(Continued)

7.4.12 Administrative Charges

1. Access Order Charges		<u>Nonrecurring Charges</u> (See Section 5)	
2. Service Arrangement Charge	<u>USOC</u>	<u>Nonrecurring Charges</u>	
		<u>1st Ckt</u>	<u>Addl. Ckt</u>
- Per circuit(1) on the same Access Order for one or and combination of the following changes:			
- Access Carrier Name Abbreviation (ACNA). . . .		\$10.00	\$6.00
- Billing Account Number (BAN).		11.00	6.00
- Customer Circuit ID (CKR).		9.00	5.00

7.4.13 Rollover

	<u>USOC</u>	<u>Nonrecurring Charges</u>		
		<u>1st Ckt</u>	<u>Addl. Ckt</u>	
- Analog(2)/MegaLink Data(2) to 1.544 Mbps High Capacity				(CP)
- per service rolled over	NRBRA	\$110.00	\$80.00	
- 1.544 Mbps High Capacity to 1.544 Mbps High Capacity				
- per service rolled over	NRBRH	\$115.00	\$85.00	
- 1.544 Mbps High Capacity to MegaLink Custom				
- per service rolled over	NRBR1	\$115.00	\$85.00	

(1) Each leg of a multipoint service will be treated as a separate circuit and charges applied as described in Paragraph 7.3.1.

(2) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024. (AT)
|
(AT)

Issued: May 28, 2021

Effective: June 30, 2021

By CRAIG UNRUH, President - Missouri
St. Louis, Missouri

FILED
Missouri Public
Service Commission
JI-2021-0210

CANCELLED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

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

Access Services Tariff
Section 7
Original Sheet 106

ACCESS SERVICES

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FEB 9 1993

MISSOURI
Public Service Commission

7. SPECIAL ACCESS SERVICE--(Continued)

7.4 Rates and Charges--(Continued)

(FC) 7.4.12 Administrative Charges

1. Access Order Charges

Nonrecurring Charges
(See Section 5)

2. Service Arrangement Charge

USOC Nonrecurring Charges
 1st Ckt Addl. Ckt

- Per circuit(1) on the same Access Order for one or and combination of the following changes:

- Access Carrier Name Abbreviation (ACNA). . . .	\$10.00	\$6.00
- Billing Account Number (BAN).	11.00	6.00
- Customer Circuit ID (CKR).	9.00	5.00

CANCELLED

MAR 20 1994
BY 1st R.S. 106
Public Service Commission
MISSOURI

FILED

APR 19 1993

(1) Each leg of a multipoint service will be treated as a separate circuit and charges applied as described in Paragraph 7.3.1.

Issued: FEB 09 1993

Effective: APR 19 1993
~~MAR 1 1993~~

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
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DEC 29 1983

MISSOURI
Public Service Commission

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

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

7.2.2 Digital Services-(Continued)

B. Digital Data Access Services-(Continued)

4. Digital Data Access 4 (DA4) Special Access Service

a. Description

Special Access Service DA4 provides a channel for duplex four-wire transmission capability of serial synchronous data at the 56 kbps rate between an IC terminal location and an End User's premises. The service is synchronous with timing provided through the Telephone Company's facilities to the End User on the received bit stream.

DA4 is available only between the IC terminal location and locations designated by the Telephone Company which are served by digital facilities. All other locations are connectible to the Telephone Company-designated digital Hub only through an analog off-network extension which is provided as a Wideband Digital Service as set forth in Paragraph 7.2.2, A., preceding.

b. Illustrative Application

Special Access Service DA4 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Digital Data - 56 kbps

c. Optional Features

- Loop Transfer arrangement.
- Central office bridging capability

CANCELLED

JUL 1 1986

BY L.R.S. 106
PUBLIC SERVICE COMMISSION
OF MISSOURI

FILED

JAN 1 1984
83-253

PUBLIC SERVICE COMMISSION

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
Original Sheet 107

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DEC 29 1983

MISSOURI
Public Service Commission

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

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

7.2.2 Digital Services-(Continued)

B. Digital Data Access Services-(Continued)

4. Digital Data Access 4 (DA4) Special Access Service-(Continued)

d. Transmission Performance

- Error-Free Seconds

While in service, the monthly average of the error-free seconds will be equal to or greater than 99.875 percent.

e. Available Facility Interface Combinations

<u>IC</u>	<u>End User</u>
4DS9-15(1)	6DU5-56
6DU5-56	6DU5-56

CANCELLED

JUL 1 1986

BY RS 107
PUBLIC SERVICE COMMISSION
OF MISSOURI

FILED
JAN 7 1984
83 - 253
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.

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
Original Sheet 108

ACCESS SERVICES

DEC 29 1983
Public Service Commission

7. SPECIAL ACCESS SERVICE-(Continued)

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

7.2.2 Digital Services-(Continued)

B. Digital Data Access Services-(Continued)

5. Subrate Multiplexed Digital Data Access 1 (SR1) Special Connector Service

a. Description

Special Access Service SR1 provides the ability to combine up to 20 DA1 Special Access Services into a single channel of a HC1 Special Access Service. NOTE: The only rate elements applicable to this service are the Carrier Submultiplexing Unit and the Carrier Multiplexing Plug-Ins per 64 kbps channel.

6. Subrate Multiplexed Digital Data Access 2 (SR2) Special Connector Service

a. Description

Special Access Service SR2 provides the ability to combine up to 10 DA2 Special Access Services into a single channel of a HC1 Special Access Service. NOTE: The only rate elements applicable to this service are the Carrier Submultiplexing Unit and the Carrier Multiplexing Plug-Ins per 64 kbps channel.

7. Subrate Multiplexed Digital Data Access 3 (SR3) Special Connector Service

a. Description

Special Access Service SR3 provides the ability to combine up to five DA3 Special Access Services into a single channel of a HC1 Special Access Service. NOTE: The only rate elements applicable to this service are the Carrier Submultiplexing Unit and the Carrier Multiplexing Plug-Ins per 64 kbps channel.

CANCELLED
JUL 1 1986
BY 12425.108
PUBLIC SERVICE COMMISSION
OF MISSOURI

JAN 1 1984
83-253
Public Service Commission

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
Original Sheet 109

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7. SPECIAL ACCESS SERVICE-(Continued)

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

7.2.2 Digital Services-(Continued)

C. High Capacity Services

1. High Capacity 1 (HC1) Special Access Service

a. Description

Special Access Service HC1 provides a channel for the transmission of nominal 1.544 Mbps isochronous serial data between an IC terminal location and an End User's premises, between IC terminal locations or between an IC terminal location and a Telephone Company-designated Hub where multiplexing is offered.

b. Illustrative Application

Special Access Service HC1 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- 1.544 Mbps Access Line

c. Optional Features

- Automatic Protection Switching.
- Central office multiplexing.

d. Transmission Performance

- Error-Free Seconds

While in service, 98.75 percent of the one-second intervals will be error-free measured over a continuous 24-hour period.

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

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

7.2.2 Digital Services-(Continued)

C. High Capacity Services-(Continued)

1. High Capacity 1 (HC1) Special Access Service-(Continued)

e. Available Facility Interface Combinations

<u>IC</u>	<u>End User</u>
4DS9-15J	6DU9-A
4DS9-15	6DU9-B
4DS9-15K	6DU9-B
4DS9-15K	6DU9-C

(RT)

2. High Capacity 1C (HC1C) Special Access Service

a. Description

Special Access Service HC1C provides a channel for the transmission of nominal 3.152 Mbps isochronous serial data between IC terminal locations or between an IC terminal location and a Telephone Company-designated Hub where multiplexing is offered.

b. Illustrative Application

Special Access Service HC1C is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- 3.152 Mbps Access Line

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7. SPECIAL ACCESS SERVICE-(Continued)

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

7.2.2 Digital Services-(Continued)

C. High Capacity Services-(Continued)

1. High Capacity 1 (HC1) Special Access Service-(Continued)

e. Available Facility Interface Combinations

IC	End User
4DS9-15J	6DU9-A
4DS9-15	6DU9-B
4DS9-15K	6DU9-B
4DS9-15K	6DU9-C
4DS9-31(1)	6DU9-A,B or C
4DS0-63(1)	6DU9-A,B or C
4DS6-44(1)	6DU9-A,B or C
4DS6-27(1)	6DU9-A,B or C

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2. High Capacity 1C (HC1C) Special Access Service

a. Description

Special Access Service HC1C provides a channel for the transmission of nominal 3.152 Mbps isochronous serial data between IC terminal locations or between an IC terminal location and a Telephone Company-designated Hub where multiplexing is offered.

b. Illustrative Application

Special Access Service HC1C is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- 3.152 Mbps Access Line

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

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7. SPECIAL ACCESS SERVICE-(Continued)

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

7.2.2 Digital Services-(Continued)

C. High Capacity Services-(Continued)

2. High Capacity 1C (HC1C) Special Access Service-(Continued)

c. Optional Feature

- Central office multiplexing.

d. Available Facility Interface Combinations

IC	End User(1)
4DS9-31	4DS9-31
4DS9-31(2)	6DU9-A, B or C

(AT)

3. High Capacity 2 (HC2) Special Access Service

a. Description

Special Access Service HC2 provides a channel for the transmission of nominal 6.312 Mbps isochronous serial data between IC terminal locations or between an IC terminal location and a Telephone Company-designated Hub where multiplexing is offered.

b. Illustrative Application

Special Access Service HC2 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Digital Service - High Speed

c. Optional Feature

- Central office multiplexing.

d. Available Facility Interface Combinations

IC	End User(1)
4DS0-63	4DS0-63
4DS0-63(2)	6DU9-A, B or C

(AT)

(1) See Paragraph 7.4.5, B., following, for explanation.

(AT) (2) Available to IC's selecting the multiplexed 4-wire DSX facility interface option of 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)

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7.2.2 Digital Services-(Continued)

C. High Capacity Services-(Continued)

2. High Capacity IC (HC1C) Special Access Service-(Continued)

c. Optional Feature

- Central office multiplexing.

d. Available Facility Interface Combinations

<u>IC</u>	<u>End User(1)</u>
4DS9-31	4DS9-31

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3. High Capacity 2 (HC2) Special Access Service

a. Description

Special Access Service HC2 provides a channel for the transmission of nominal 6.312 Mbps isochronous serial data between IC terminal locations or between an IC terminal location and a Telephone Company-designated Hub where multiplexing is offered.

b. Illustrative Application

Special Access Service HC2 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Digital Service - High Speed

c. Optional Feature

- Central office multiplexing.

d. Available Facility Interface Combinations

<u>IC</u>	<u>End User(1)</u>
4DS0-63	4DS0-63

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(1) See Paragraph 7.4.5, B., following, for explanation.

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

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

7.2.2 Digital Services-(Continued)

C. High Capacity Services-(Continued)

4. High Capacity 3 (HC3) Special Access Service

a. Description

Special Access Service HC3 provides a channel for the transmission of 44.736 Mbps isochronous serial data between IC terminal locations or between an IC terminal location and a Telephone Company-designated Hub where multiplexing is offered.

b. Illustrative Application

Special Access Service HC3 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Digital Service - High Speed

c. Optional Feature

- Central office multiplexing.

d. Available Facility Interface Combinations

IC	End User(1)
4DS6-44	4DS6-44
4DS6-44(2)	6DUS

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- (1) See Paragraph 7.4.5, B., following, for explanation.
- (AT) (2) Available only to IC's selecting the multiplexed 4-wire DSX facility interface option of the IC terminal location and providing subsequent system and channel assignment data.

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7. SPECIAL ACCESS SERVICE-(Continued)

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

7.2.2 Digital Services-(Continued)

C. High Capacity Services-(Continued)

4. High Capacity 3 (HC3) Special Access Service

a. Description

Special Access Service HC3 provides a channel for the transmission of 44.736 Mbps isochronous serial data between IC terminal locations or between an IC terminal location and a Telephone Company-designated Hub where multiplexing is offered.

b. Illustrative Application

Special Access Service HC3 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Digital Service - High Speed

c. Optional Feature

- Central office multiplexing.

d. Available Facility Interface Combinations

IC	End User(1)
4DS6-44	4DS6-44

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(1) See Paragraph 7.4.5, B., following, for explanation.

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

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

7.2.2 Digital Services-(Continued)

C. High Capacity Services-(Continued)

5. High Capacity 4 (HC4) Special Access Service

a. Description

Special Access Service HC4 provides a channel for the transmission of 274.176 Mbps isochronous serial data between IC terminal locations or between an IC terminal location and a Telephone Company-designated Hub where multiplexing is offered.

b. Illustrative Application

Special Access Service HC4 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Digital Service - High Speed

c. Optional Feature

- Central office multiplexing.

d. Available Facility Interface Combinations

IC	End User(1)
4DS6-27	4DS6-27
4DS6-27(2)	6DS6-27(2)

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(1) See Paragraph 7.4.5, B., following, for explanation.

(2) Available only to IC's selecting the multiplexed 4-wire DSX facility interface option of the IC terminal location and providing subsequent system and channel assignment data.

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7. SPECIAL ACCESS SERVICE-(Continued)

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

7.2.2 Digital Services-(Continued)

C. High Capacity Services-(Continued)

5. High Capacity 4 (HC4) Special Access Service

a. Description

Special Access Service HC4 provides a channel for the transmission of 274.176 Mbps isochronous serial data between IC terminal locations or between an IC terminal location and a Telephone Company-designated Hub where multiplexing is offered.

b. Illustrative Application

Special Access Service HC4 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Digital Service - High Speed

c. Optional Feature

- Central office multiplexing.

d. Available Facility Interface Combinations

<u>IC</u>	<u>End User(1)</u>
4DS6-27	4DS6-27

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7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Facility Interface Codes

This Section explains the facility interface codes set forth in Paragraphs 7.2.1 and 7.2.2, preceding, that the IC can specify when ordering Special Access Service. Included is an example which explains the specific characters of the code, a glossary of facility interface codes and impedance levels.

Example: If the IC specifies a 2DC8-3 facility interface at the IC terminal location, it is requesting the following:

- 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 Facility Interface Codes and Options

<u>Code</u>	<u>Option</u>	<u>Definition</u>
AB	-	accepts 20 Hz ringing signal at IC point of interface
AC	-	accepts 20 Hz ringing signal at End User's network interface
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)
DA	-	data stream in VF frequency band at End User's network interface
DB	-	data stream in VF frequency band at IC point of interface location
	- 10	VF for NB4 and NB5
	- 43	VF for 43 telegraph carrier-type signals, NB4 and NB5
DC	-	direct current or voltage
	- 1	monitoring interface with series RC combination (McCulloch 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 interface
DE	-	DATAPHONE Select-A-Station (and TABS) interface at the End User's NI

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7. SPECIAL ACCESS SERVICE-(Continued)

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7.3 Facility Interface Codes-(Continued)

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

<u>Code</u>	<u>Option</u>	<u>Definition</u>
DO	-	digital interface at IC terminal location at the digital signal level zero A (DS-OA)
DS	-	digital hierarchy interface
	- 15	1.544 Mbps (DS1) format per PUB41451 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)

7.3 Facility Interface Codes-(Continued)

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

<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 PDI
DY	-	duplex signaling interface at End User's NI
EA	- E	Type I E&M Lead Signaling. IC at POI or End User at NI originates on E Lead.
EA	- M	Type I E&M Lead Signaling. IC at POI or End User at NI originates on M Lead.
EB	- E	Type II E&M Lead Signaling. IC at POI or End User at NI originates on E Lead.
EB	- M	Type II E&M Lead Signaling. IC at POI or End User at NI originates or M Lead.
EC	-	Type III E&M signaling at IC terminal POI tandem
EX	- A	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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7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Facility Interface Codes-(Continued)

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

<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
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

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7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Facility Interface Codes-(Continued)

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

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<u>Code</u>	<u>Option</u>	<u>Definition</u>
NO	-	no signaling interface, transmission only
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
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 POI or End User's NI
TF	-	telephotograph interface
TT	-	telegraph/teletypewriter interface at either IC POI or End User's NI
	- 2	20.0 milliamperes
	- 3	3.0 milliamperes
	- 6	62.5 milliamperes
WA	-	wideband bandwidth interface at End User's NI
	- 1	limited bandwidth
	- 2	nominal passband from 29,000 to 44,000 Hz
WB	-	wideband data interface at IC POI
	- 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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7. SPECIAL ACCESS SERVICE-(Continued)

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7.3 Facility Interface Codes-(Continued)

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

Public Service Commission

<u>Code</u>	<u>Option</u>	<u>Definition</u>
WB (continued)		
-	64	64.0 kbps, restored polar
WC	-	wideband data interface at End User's NI
-	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 POI
-	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(1)
1200	4
135	5
75	6
124	7
Variable	8
100	9

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(1) For those interface codes with a four-wire transmission path at the POI at the IC's terminal location, rather than a standard 900 ohm impedance the code (3) denotes an IC-provided transmission equipment termination. Such terminations were provided to IC's in accordance with the F.C.C. Docket No. 20099 Settlement Agreement.

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7. SPECIAL ACCESS SERVICE-(Continued)

7.3 Facility Interface Codes-(Continued)

7.3.3 Digital Hierarchy Facility Interface Codes (4DS9)(1)

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This facility interface is available only to IC's that select the multiplexed four-wire DSX-1 or higher facility interface option at the IC terminal location and provide subsequent system and channel assignment data.

The various digital bit rates in the digital hierarchy employ the facility interface code 4DS9 plus the speed options indicated below:

<u>Interface Code and Speed Option</u>	<u>Nominal Bit Rate (Mbps)</u>	<u>Digital Hierarchy Level</u>
4DS9-15	1.544	DS1
4DS9-15L	1.544	DS1
4DS9-31	3.152	DS1C
4DS9-31L	3.152	DS1C
4DS0-63	6.312	DS2
4DS0-63L	6.312	DS2
4DS6-44	44.736	DS3
4DS6-44L	44.736	DS3
4DS6-27	274.176	DS4
4DS6-27L	274.276	DS4

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(1) For those interface codes with a four-wire transmission path at the POI at the IC's terminal location, rather than a standard 900 ohm impedance the code (3) denotes an IC-provided transmission equipment termination. Such terminations were provided to IC's in accordance with the F.C.C. Docket No. 20099 Settlement Agreement.

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7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rate Regulations

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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 recurring rates and nonrecurring charges. In addition, there are three types of 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 a specific work activity (i.e., installation or change to an existing service). The three types of nonrecurring charges that apply for Special Access Service are: installation of service, installation of feature(s) and function(s) and service rearrangements.

1. Installation of Service

Nonrecurring charges apply to each service installed. When multiple identical services (i.e., services between the same locations and for the same customer) are ordered and installed at the same time, there is a charge for the first service installed and a lower charge for each additional identical service installed. Nonrecurring charges for the installation of all services but Dedicated Access Line Services apply per service termination (i.e., IC terminal location and End User's premises). The nonrecurring charges for these services are set forth in the rate schedule with the facility interface combinations in Paragraph 7.5.3 and following. The nonrecurring charges for Dedicated Access Line Services are associated with two-wire and four-wire Special Access Lines that are used to provide service and are set forth in Paragraph 7.5.4, following, with the associated Special Access Lines.

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7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rate Regulations-(Continued)

7.4.1 Types of Rates and Charges -(Continued)

B. Nonrecurring Charges-(Continued)

1. Installation of Service -(Continued)

In addition, there is a separately stated nonrecurring charge associated with the installation of Voice Grade Service (i.e., VG1-3, 5-10) which varies by the specific performance desired (e.g., VG2, VG3, etc.). These nonrecurring charges, which apply per two-point service or each section of a multipoint service are set forth in the rate schedule in Paragraph 7.5.3, B., following.

2. Installation of Features and Functions

Nonrecurring charges apply for the installation of the various features and functions available with Special Access Service. For some features and functions there is a lower charge if installed coincident with the service and a higher charge if installed subsequent to the installation of the service.

3. Service Rearrangements

Nonrecurring charges apply for service rearrangements. Service rearrangements are changes to existing services that do not result in a change to any of the following: (1) address of the IC terminal location, (2) address of the End User's premises, (3) type of service or (4) the WATS or WATS-type serving office (for Dedicated Access Line Service only). Changes of this nature constitute a discontinuance and start of service.

Service Rearrangement Charges are based on the nonrecurring (i.e., installation) charge of the service being changed. Following are the service rearrangements that are allowable for Special Access Service and the appropriate levels of charging:

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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)

a. Service Rearrangements for Services Other Than Dedicated Access Line Service

<u>Type of Change</u>	<u>Level of Charging</u>
Change from two-wire to four-wire or from four-wire to two-wire	Full nonrecurring charge associated with the facility interface combination for the service being changed
Change in facility interface that does not result in a change to any other rate element (e.g. 2LS2 to 2GS2)	One-half of the nonrecurring charge associated with the facility interface combination for the service being changed
Change in facility interface that results in changes to other rate element(s), (e.g., 4GS2 to 4DS9-15)	Full nonrecurring charge associated with the facility interface combination for the service being changed

b. Service Rearrangements for Dedicated Access Line Service

<u>Type of Change</u>	<u>Level of Charging</u>
Change from two-wire to four-wire or from four-wire to two-wire	Full SAL nonrecurring charge for the SAL being changed to, per service changed.

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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)

b. Service Rearrangements for Dedicated Access Line Service-(Continued)

<u>Type of Change</u>	<u>Level of Charging</u>
Change in facility interface (i.e., Supervisory signaling) at End User's premises (e.g., 2LS2 to 2GS2)	One-half of the SAL nonrecurring charge, per service changed

In cases where multiple service rearrangements or a move and a service rearrangement are requested on a single order, the total charge (i.e., the Service Rearrangement Charge or the Service Rearrangement Charge and the Move Charge) will never exceed the full nonrecurring charge for the basic service.

7.4.2. Surcharge for Special Access Service

A. General

In addition to the rates and charges described in Paragraph 7.4.1, preceding, there is a monthly surcharge of \$28.23 that applies to two-point subvoice grade, voice grade and equivalent voice grade Special Access Services (e.g., the surcharge for a group level service would be \$338.76 or 12 x \$28.23). For multipoint services, the \$28.23 surcharge applies for each End User's location on the service. This surcharge is to compensate the Telephone Company for use of the local exchange network by Special Access Services that are classified as intrastate jurisdiction.

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B. Exceptions to the Surcharge Application

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Recognizing that not all services can utilize the local exchange network, certain uses of Special Access Service...

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7. SPECIAL ACCESS SERVICE-(Continued)

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7.4 Rate Regulations-(Continued)

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7.4.2 Surcharge for Special Access Service-(Continued)

B. Exception to the Surcharge Application-(Continued)

are exempt from the surcharge. Following is a listing of the exempt categories:

1. Any termination of an analog service that is used for program audio transmission.
2. Any termination of a service that is used for Telex service.
3. Any termination of a service that by nature of its operating characteristics could not make use of common lines.
4. Any termination of a service that is associated with Switched Access Service that is subject to Carrier Common Line Charges.

C. Self Reporting

In order for the Telephone Company to determine the application of the surcharge with respect to specific services, the IC must report the intended use of all services when placing orders for Special Access Service. In addition, when ordering high capacity analog or digital services, the IC must also report the use for each voice equivalent channel of the high capacity service. When any service or channel of a service is reported to be used in any manner described in Paragraph 7.4.2, B., preceding, the surcharge will not apply. If the intended use is not reported, the Telephone Company will automatically bill the appropriate surcharge on each Special Access Service installed.

The Telephone Company reserves the right to audit the use of the service at any time. If the service is found to be used for a type of operation other than that reported by the IC, and a surcharge would apply for that type of operation, the Telephone Company will notify the IC and will begin to apply the surcharge.

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7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rate Regulations-(Continued)

7.4.2 Surcharge for Special Access Service-(Continued)

D. Crediting the Surcharge

If, at any time after the installation of a service which is subject to the surcharge, the IC reports that the service is being used in association with a Switched Access Service that is subject to Carrier Common Line Charges, the Telephone Company will credit the IC for the surcharge. The credit will be effective on the date that the Special Access Service became associated with the Switched Access Service.

7.4.3 Minimum Periods

Special Access Service is provided for a specified minimum period. The minimum period and the applicable charges for that period are dependent on the interval (i.e., standard, negotiated or short notice) under which service is provided. Minimum periods and minimum period charges are described in detail in Section 5, preceding.

7.4.4 Moves

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

- The point of interface at the IC terminal location
- The IC terminal location
- The network interface at the End User's premises
- The End User's premises,
- The WATS serving office (Dedicated Access Line Service only)

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.

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7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rate Regulations-(Continued)

7.4.4 Moves

A. Moves Within the Same Building

When the move is to a new location within the same building, for all services except Dedicated Access Line Service, the charge for the move will be an amount equal to one-half of the nonrecurring (i.e., installation) charge for the service termination affected, i.e., the IC terminal location or the End User's premises. For Dedicated Access Line Services, the charge for the move will be an amount equal to one-half of the nonrecurring charge of the Special Access Line used to provide the service. There will be no change in the minimum period requirements. If a move is made at the same time a service rearrangement is made, the total charge will never exceed a full nonrecurring charge for the basic service.

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 IC will also remain responsible for satisfying all outstanding minimum period charges for the discontinued service.

7.4.5 Rate Application Exception Rules

A. Intrabuilding Access Services

Intrabuilding cable facilities, provided by the Telephone Company to connect two IC terminal locations or an IC terminal location and an End User's premises in the same public building, will be rated as an Access Connection and an appropriate facility interface combination. The Special Transport and Special Access Line rate elements will not apply to this type of service.

B. IC Terminal Location to IC Terminal Location

When two IC terminal locations are connected together via Special Access Service, the IC will be billed as though the service were connecting an IC terminal location and an End User's premises, i.e., Access Connection, Special Transport, Features and Functions (facility interface combination) and Special Access Line. One of the IC terminal locations will be treated as an End User's premises.

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7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rate Regulations-(Continued)

7.4.5 Rate Application Exception Rules-(Continued)

C. End User to End User

When two End User's premises are connected together via Special Access Service, the IC will be billed as though the service were connecting an IC terminal location and an End User's premises, i.e., Access Connection, Special Transport, Features and Functions (facility interface combination) and Special Access Line. The End User's premises at which the service connects to intrastate service will be treated as an IC terminal location.

D. Dedicated Access Line Service

When Dedicated Access Line Service is provided, the only rate elements which apply are Special Access Lines (SAL) between the End User's premises and the end office (i.e., WATS or WATS-type serving office) and, when the end office is not a WATS or WATS-type serving office, Special Transport to extend the SAL to a WATS or WATS-type serving office. The nonrecurring charge for this service is that for the Special Access Line. A Special Access Service Surcharge as set forth in Paragraph 7.4.2, A., preceding, applies for each Dedicated Access Line Service installed.

When extensions (i.e., additional terminations of the service at another building in the same or a different LATA) are provided, they are rated in the following manner. Extensions within the LATA are provided as additional Special Access Lines and Special Transport as required. The Special Access Line nonrecurring charge will also apply. Extensions in different LATA's are rated as Special Transport (from the extension bridging point to the IC serving wire center), Access Connections and one-half of the monthly recurring rates and nonrecurring charges for the appropriate facility interface combination. No Special Access Service Surcharge applies to the extension service.

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7. SPECIAL ACCESS SERVICE-(Continued)

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7.4 Rate Regulations-(Continued)

7.4.6 Mileage Measurement

The mileage to be used to determine the monthly rate for the Special Transport is calculated on the air line distance between the serving wire centers involved (i.e., IC serving wire center, Hub serving wire center or End User's serving wire center). The V & H coordinates method is used to determine mileage. This method is explained in the Rate and Regulations Section, Section 2, Paragraph 2.7, preceding.

Mileage is shown in Paragraph 7.5.2, following, in terms of mileage bands. To determine the rate to be billed, first compute the mileage using the V & H coordinates method, then find the band into which the computed mileage falls and apply the rates shown for that band to the actual number of miles. There are two rates that apply for each mileage band, i.e., a flat rate for the band and a rate per mile.

When Hubs are involved, mileage rates are computed separately for each section of the Special Transport mileage, i.e., IC serving wire center to Hub, Hub to Hub and/or Hub to End User's serving wire center.

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7. SPECIAL ACCESS SERVICE-(Continued)

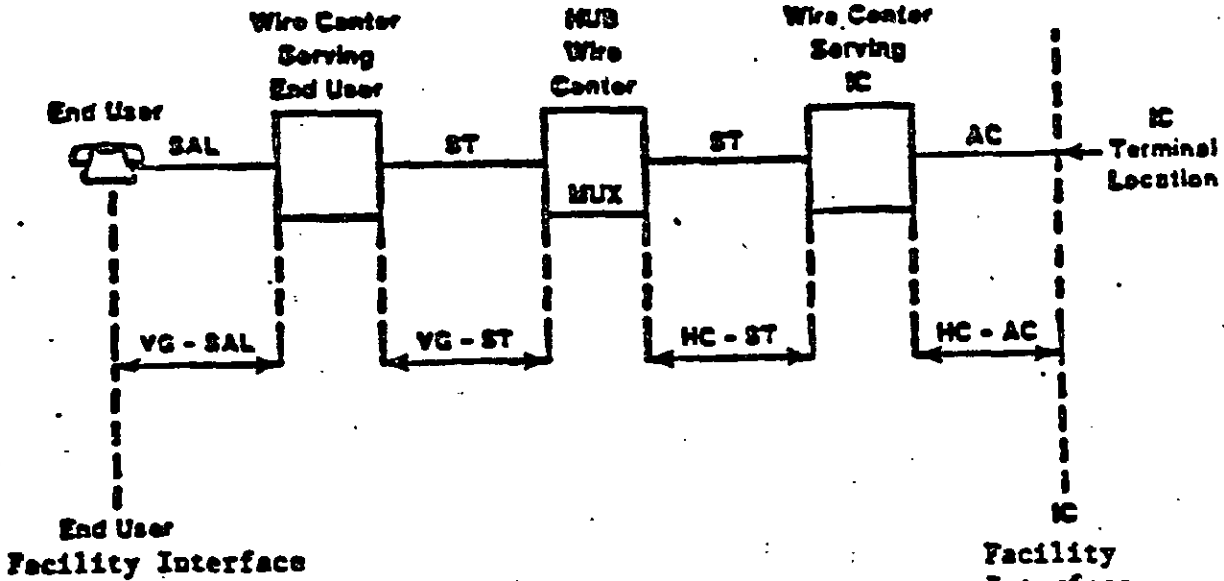
7.4 Rate Regulations-(Continued)

7.4.7 Facility Hubs

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

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MULTIPLEXING FACILITY HUB



AC - Access Connection
 ST - Special Transport
 SAL - Special Access Line

MUX - Multiplexing Equipment
 HC - High Capacity
 VG - Voice Grade

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7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rate Regulations-(Continued)

7.4.7 Facility Hubs-(Continued)

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The Telephone Company will designate the facility Hub locations. Different locations may be designated as Hubs for different facility capacities, e.g., multiplexing from digital to digital may occur at one location while multiplexing from digital to analog may occur at a different location. The IC will choose the desired Hub from a list that the Telephone Company will make available.

Some of the types of multiplexing provided include the following:

- from higher to lower bit rate
- from higher to lower bandwidth
- from digital to Voice Grade Service
- from digital to Program Audio Service

The transmission performance for the end-to-end service provided from the IC terminal location to the End User's premises will be that of the lower capacity or bit rate. For example, when a 1.544 Mbps service is multiplexed to voice frequency channels, the transmission performance will be voice grade, not high capacity.

The Telephone Company will commence billing the monthly rate for the Access Connection and the Special Transport for the high capacity facility to the Hub as soon as it is provided, even though individual services utilizing those facilities may not be ordered and installed until a later date. If the IC has designated the type of multiplexing to be provided, the nonrecurring charge for the multiplexer will be billed to the IC at that time and the billing for the monthly rate will begin.

Individual service rates (by service type) will apply for the facility interface combination, the Special Access Line, Special Access Service Surcharge and additional Special Transport (if required) for each channelized service. These will be billed to the IC as each individual service is installed.

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7. SPECIAL ACCESS SERVICE-(Continued)

7.4 Rate Regulations-(Continued)

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 high capacity facilities through a common high capacity interface. This sharing arrangement is available only for existing services. The Special Access Service portion of the shared facilities will be billed at individual service rates (i.e., Voice Grade, Program Audio or Digital Data Access). No multiplexing charge will apply. See also Paragraph 5.2.7, preceding.

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7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges

7.5.1 Access Connections

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Monthly Rates

Each:	USOC	Monthly Rates
2-Wire (for use with NB1-2, 4-5, VG1-3, VG5-10 and AP1-4)	1XC2X	\$4.14
4-Wire (for use with NB4-5, VG1-3, VG5-10 and DA1-4 with DU facility interface)	1XC4X	\$9.01
Group (for use with WA1 & WA1T- two are required for WA1T)	1XG++	ICB rates and charges apply
Supergroup (for use with WA2)	1XS++	ICB rates and charges apply

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7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges

7.5.1 Access Connections

Each:	USOC	Monthly Rates
2-Wire (for use with NB1-5, VG1-3, VG5-10 and AP1-4)	1XC2X	\$4.14
4-Wire (for use with NB4-5, VG1-3, VG5-10 and DA1-4 with DU facility interface)	1XC4X	\$9.01
Group (for use with WA1 & WA1T- two are required for WA1T)	1XG++	ICB rates and charges apply
Supergroup (for use with WA2)	1XS++	ICB rates and charges apply

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7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.1 Access Connections-(Continued)

Each:	USOC	Monthly Rates
19.2 kbps (for use with WD1)	1XV++	ICB rates and charges apply
50 kbps (for use with WD2)	1XQ++	ICB rates and charges apply
230.4 kbps (for use with WD3)	1XK++	ICB rates and charges apply
56 kbps (for use with WD4)	1X5++	ICB rates and charges apply

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7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.1 Access Connections-(Continued)

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Each:	<u>USOC</u>	<u>Monthly Rates</u>
DS1 - 1.544 Mbps (for use with HC1)	1XCDX	\$115.56
DS1C - 3.152 Mbps (for use with HC1C)	1XA++	ICB rates and charges apply
DS2 - 6.312 Mbps (for use with HC2)	1X6++	ICB rates and charges apply
DS3 - 44.736 Mbps (for use with HC3)	1X8++	ICB rates and charges apply
DS4 - 274.176 Mbps (for use with HC4)	1X9++	ICB rates and charges apply

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7. SPECIAL ACCESS SERVICE-(Continued)

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7.5 Rates and Charges-(Continued)

7.5.2 Special Transport

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Monthly Rates

Each:	USOC	Mileage Band	Fixed Rate	Rate per Mile
2-Wire - Metallic (for use with NB1)	1L5XX	All	None	+ \$6.55
2-Wire - Metallic/other means (for use with NB2)	1L5XX	All	None	+ 6.55
75 Baud (for use with NB4)	1L5XX	0 to 4	\$ 11.51	+ 6.66
		Over 4 to 8	24.83	+ 3.33
		Over 8 to 16	33.50	+ 2.25
		Over 16 to 25	33.50	+ 2.25
		Over 25 to 50	52.70	+ 1.48
		Over 50 to 100	73.58	+ 1.06
		Over 100	106.33	+ .73
150 Baud (for use with NB5)	1L5XX	0 to 4	8.82	+ 4.36
		Over 4 to 8	9.86	+ 4.10
		Over 8 to 16	23.32	+ 2.42
		Over 16 to 25	23.32	+ 2.42
		Over 25 to 50	33.48	+ 2.01
		Over 50 to 100	65.09	+ 1.38
		Over 100	87.67	+ 1.15
2-Wire/4-Wire Voice (for use with VG1-3, VG5-10 and DAL service)(1)	1L5XX	0 to 4	5.02	+ 9.51
		Over 4 to 8	19.38	+ 5.92
		Over 8 to 16	43.10	+ 2.96
		Over 16 to 25	54.38	+ 2.25
		Over 25 to 50	82.64	+ 1.12
		Over 50 to 100	98.43	+ .80
		Over 100	138.55	+ .41

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(1) Also used to provide NB4 and NB5 on 43 Carrier using 43 CXR to NB4 or NB5 multiplexing.

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7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.2 Special Transport-(Continued)

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Monthly Rates

Each:	USOC	Mileage Band	Fixed Rate	Rate per Mile
3.5 kHz Audio (for use with AP1)	1L5XX	0 to 4	\$ 9.22 +	\$4.19
		Over 4 to 8	12.43 +	3.39
		Over 8 to 16	12.43 +	3.39
		Over 16 to 25	21.28 +	2.83
		Over 25 to 50	21.28 +	2.83
		Over 50 to 100	26.36 +	2.73
		Over 100	55.72 +	2.44
5 kHz Audio (for use with AP2)	1L5XX	0 to 4	9.85 +	4.81
		Over 4 to 8	9.85 +	4.81
		Over 8 to 16	16.98 +	3.92
		Over 16 to 25	16.98 +	3.92
		Over 25 to 50	22.34 +	3.70
		Over 50 to 100	36.46 +	3.42
		Over 100	36.46 +	3.42
8 kHz Audio (for use with AP3)	1L5XX	0 to 4	12.22 +	7.55
		Over 4 to 8	12.22 +	7.55
		Over 8 to 16	25.22 +	5.93
		Over 16 to 25	32.09 +	5.50
		Over 25 to 50	32.09 +	5.50
		Over 50 to 100	46.20 +	5.22
		Over 100	66.53 +	5.01
15 kHz Audio (for use with AP4)	1L5XX	0 to 4	25.48 +	10.53
		Over 4 to 8	25.48 +	10.53
		Over 8 to 16	25.48 +	10.53
		Over 16 to 25	43.55 +	9.41
		Over 25 to 50	47.50 +	9.25
		Over 50 to 100	63.31 +	8.93
		Over 100	63.31 +	8.93

Group
(for use with WA1 & WA1T. Two are required for WA1T)

1L5X+

All

ICB rates and charges apply 1983
ICB rates and charges apply

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JUL 1 1986
BY J.A.R.S. 103
PUBLIC SERVICE COMMISSION
OF MISSOURI

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 138

ACCESS SERVICES

DEC 29 1983

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.2 Special Transport-(Continued)

Public Service Commission

Each:	USOC	Mileage Band	Monthly Rates	
			Fixed Rate	Rate per Mile
Supergroup (for use with WA2)	1L5X+	All	ICB rates and charges apply	ICB rates and charges apply
19.2 kbps (for use with WD1)	1L5X+	All	ICB rates and charges apply	ICB rates and charges apply
50.0 kbps (for use with WD2)	1L5X+	All	ICB rates and charges apply	ICB rates and charges apply
230.4 kbps (for use with WD3)	1L5X+	All	ICB rates and charges apply	ICB rates and charges apply
56.0 kbps (for use with WD4)	1L5X+	All	ICB rates and charges apply	ICB rates and charges apply
Digital Data 1 (for use with DA1)	1L5X+	0 to 4	\$50.87	\$1.39
		Over 4 to 8	50.87	+ 1.39
		Over 8 to 16	55.56	+ .80
		Over 16 to 25	55.56	+ .80
		Over 25 to 50	61.49	+ .56
		Over 50 to 100	61.49	+ .56
		Over 100	67.14	+ .51

CANCELLED

JUL 1 1984
BY R.S.103
PUBLIC SERVICE COMMISSION OF MISSOURI

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

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

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.2 Special Transport-(Continued)

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AUG 15 1984
Monthly Rates
Fixed Rate per Mile
Public Service Commission

Each:	USOC	Mileage Band	Fixed Rate	Rate per Mile
Digital Data 2 (for use with DA2)	1L5XX	0 to 4	44.19	+ 1.65
		Over 4 to 8	50.43	+ .87
		Over 8 to 16	50.43	+ .87
		Over 16 to 25	50.71	+ .86
		Over 25 to 50	58.61	+ .70
		Over 50 to 100	58.61	+ .70
Digital Data 3 (for use with DA3)	1L5XX	0 to 4	53.30	+ 1.55
		Over 4 to 8	53.30	+ 1.55
		Over 8 to 16	58.45	+ .90
		Over 16 to 25	61.52	+ .71
		Over 25 to 50	61.52	+ .71
		Over 50 to 100	68.30	+ .58
		Over 100	68.30	+ .58
Digital Data 4 (for use with DA4)	1L5XX	0 to 4	84.77	+ 10.38
		Over 4 to 8	105.50	+ 5.19
		Over 8 to 16	126.28	+ 2.60
		Over 16 to 25	147.05	+ 1.30
		Over 25 to 50	159.47	+ .80
		Over 50 to 100	176.41	+ .46
		Over 100	198.99	+ .24
DS1 - 1.544 Mbps(1) (for use with HC1)	1L5XX	A11	42.93	+ 17.04
(CT) DS1C - 3.152 Mbps(1) (for use with HC1C)	1L5X+	A11	IBC rates and charges apply	IBC rates and charges apply
DS2 - 6.312 Mbps(1) (for use with HC2)	1L5X+	A11	ICB rates and charges apply	ICB rates and charges apply

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JUL 1 1986
BY R.S. 103
PUBLIC SERVICE COMMISSION

(1) Additional applications are obtainable through the use of suitable multiplexing at the Hub.

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OCT 15 1984
Public Service Commission

Issued: **AUG 15 1984** Effective: **OCT 15 1984**

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 139

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.2 Special Transport-(Continued)

DEC 20 1983

Each:	USOC	Mileage Band	Monthly Rates	
			Fixed Rate	Rate per Mile
Digital Data 2 (for use with DA2)	1L5XX	0 to 4	\$ 44.19	+ \$1.65
		Over 4 to 8	44.19	+ 1.65
		Over 8 to 16	50.43	+ .87
		Over 16 to 25	50.43	+ .87
		Over 25 to 50	50.71	+ .86
		Over 50 to 100	58.61	+ .70
		Over 100	58.61	+ .70
Digital Data 3 (for use with DA3)	1L5XX	0 to 4	53.30	+ 1.55
		Over 4 to 8	53.30	+ 1.55
		Over 8 to 16	58.45	+ .90
		Over 16 to 25	61.52	+ .71
		Over 25 to 50	61.52	+ .71
		Over 50 to 100	68.30	+ .58
		Over 100	68.30	+ .58
Digital Data 4 (for use with DA4)	1L5XX	0 to 4	84.77	+ 10.38
		Over 4 to 8	105.50	+ 5.19
		Over 8 to 16	126.28	+ 2.60
		Over 16 to 25	147.05	+ 1.30
		Over 25 to 50	159.47	+ .80
		Over 50 to 100	176.41	+ .46
		Over 100	198.99	+ .24
DS1 - 1.544 Mbps(1) (for use with HC1)	1L5XX	All	42.93	+ 17.04
DS1C - 3.152 Mbps(1) (for use with HC1C)	1L5XX	All	IBC rates and charges apply	IBC rates and charges apply
DS2 - 6.312 Mbps(1) (for use with HC2)	1L5X+	All	ICB rates and charges apply	ICB rates and charges apply

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OCT 15 1984
BY *104 RS 139*
PUBLIC SERVICE COMMISSION
OF MISSOURI

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JAN 1 1984
83 - 2584
Public Service Commission

(1) Additional applications are obtainable through the use of suitable multiplexing at the Hub.

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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 140

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.2 Special Transport-(Continued)

DEC 29 1983

Public Service Commission

Each:	USOC	Mileage Band	Monthly Rates	
			Fixed Rate	Rate per Mile
DS3 - 44.736 Mbps(1) (for use with HC3)	1L5X+	All	ICB rates and charges apply	IBC rates and charges apply
DS4 - 274.176 Mbps(1) (for use with HC4)	1L5X+	All	ICB rates and charges apply	ICB rates and charges apply

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JUL 1 1986

BY J.R.S. 103
PUBLIC SERVICE COMMISSION
OF MISSOURI

FILED

JAN 1 1984
83 - 253

(1) Additional applications are obtainable through the use of suitable multiplexing at the Hub.

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Southwestern Bell Telephone Company
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Access Services Tariff
Section 7
Original Sheet 141

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions

A. Facility Interface Combinations

1. Narrowband Services

IC	End User	USOC	Monthly Rates Per Service Termination	Nonrecurring Charges Per Service Termination	
				First Service	Additional Service
DC (for use with NB1&2)	DC	9C6	None	\$184.71	\$ 88.33
TT (for use with NB4)	TT	9C7	\$ 2.97	359.56	208.74
DB-10 (for use with NB4)	TT	9ET	0.41	328.32	187.98
DB-43(1) (for use with NB4)	TT	9E2	8.52	307.60	179.19
DB-10 (for use with NB5)	IA	9F1	0.41	328.32	187.98
DB-43(1) (for use with NB5)	IA	9F2	8.52	307.60	179.19
AH(2) (for use with NB4)	DC	9CV	11.62	254.10	135.48
AH(2) (for use with NB2)	TT	9C5	14.36	294.41	175.51
AH(2) (for use with NB5)	IA			294.41	175.51

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MISSOURI
Public Service Commission

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JUL 1 1986

JAN 1 1984

83-253

(1) Requires Voice to Telegraph multiplexer.
(2) Requires intermediate multiplexing.

BY RS.103P
PUBLIC SERVICE COMMISSION
OF MISSOURI

Issued: DEC 29 1983

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By R. D. BARRON, Vice President-Missouri
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Access Services Tariff
Section 7
Original Sheet 142

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

A. Facility Interface Combinations-(Continued)

1. Narrowband Services-(Continued)

IC	End User	USOC	Monthly Rates Per Service Termination	Nonrecurring Charges Per Service Termination	
				First Service	Additional Service
DS(1) (for use with NB2)	DC	9C9	\$5.70	\$248.44	\$130.40
DS(1) (for use with NB4)	TT	9VG	8.45	307.60	179.19
DS(1) (for use with NB5)	IA	9VH	5.70	307.60	179.19

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PUBLIC SERVICE COMMISSION

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JAN 1 1984

83-253

(1) Requires intermediate multiplexing. OF MISSOURI

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
Original Sheet 143

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

A. Facility Interface Combinations-(Continued)

2. Voice Grade Services

IC	End User	USOC	Monthly Rates Per Service Termination	Nonrecurring Charges Per Service Termination	
				First Service	Additional Service
AB (for use with VG2)	AC	9GB	\$20.06	\$102.58	\$70.39
AH(1) (for use with VG2)	AC	9P7	21.79	77.51	44.29
AH(1) (for use with VG5, 6 & 10)	DA	9SE	7.68	83.12	43.93
AH(1) (for use with VG5)	DE	9SD	22.27	42.21	19.66
AH(1) (for use with VG9)	DX	9XK	18.80	93.68	54.49
AH(1) (for use with VG3, 7 & 8)	DY	9RN	19.78	88.13	48.94
AH(1) (for use with VG3, 7, 8 & 9)	EA	9RK	25.30	93.68	54.49
AH(1) (for use with VG3, 7, 8 & 9)	EB	9RL	25.30	93.68	54.49
AH(1) (for use with VG1)	GO	9QF	28.88	71.48	40.51
AH(1) (for use with VG1, 3 & 7)	GS	9QG	29.48	71.48	40.51

DEC 29 1983
Public Service Commission

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BY R.S. 103
PUBLIC SERVICE COMMISSION
OF MISSOURI

83-253

(1) Requires intermediate Group to Voice Multiplexer.

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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 144

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

A. Facility Interface Combinations-(Continued)

2. Voice Grade Services

IC	End User	USOC	Monthly Rates Per Service Termination	Nonrecurring Charges Per Service Termination	
				First Service	Additional Service
AH(1) (for use with VG2 & 7)	LA	9QB	\$23.43	\$90.03	\$53.25
AH(1) (for use with VG2 & 7)	LB	9QC	23.43	76.80	43.58
AH(1) (for use with VG2 & 7)	LC	9QD	23.43	77.51	44.29
AH(1) (for use with VG1, 2 & 7)	LO	9QE	23.43	77.51	44.29
AH(1) (for use with VG2)	LR	9RM	23.43	69.26	38.30
AH(1) (for use with VG1, 2, 3, 7 & 8)	LS	9P9	21.79	69.26	38.30
AH(1) (for use with VG1, 2, 5, 6, 7 & 9)	NO	9P6	15.37	62.97	32.00
AH(1) (for use with VG3 & 7)	RV	9SC	15.37	77.51	44.29

DEC 20 1983
Public Service Commission

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JUL 1 1986

JAN 1 1984

BY RS.103
PUBLIC SERVICE COMMISSION

83-253

(1) Requires intermediate Group to Voice Multiplex

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

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

Access Services Tariff
Section 7
1st Revised Sheet 145
Replacing Original Sheet 145

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

A. Facility Interface Combinations-(Continued)

2. Voice Grade Services-(Continued)

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	<u>IC</u>	<u>End User</u>	<u>USOC</u>	<u>Monthly Rates Per Service Termination</u>	<u>Nonrecurring Charges Per Service Termination</u>	
					<u>First Service</u>	<u>Additional Service</u>
(RT)	DB (for use with VG5, 6 & 10)	DA	9KQ	5.68	179.41	112.00
(AT)	DB (for use with VG5 & 6)	NO	9YJ	7.69	130.78	80.05
	DD (for use with VG5)	DE	9KO	15.77	128.40	79.23
	DS(1) (for use with VG2)	AC	9KV	15.88	73.62	41.01
	DS(1) (for use with VG5, 6 & 10)	DA	9KT	5.36	85.15	46.56
	DS(1) (for use with VG5)	DE	9KS	15.76	40.38	18.44
	DS(1) (for use with VG9)	DX	9XU	12.88	78.59	39.99
	DS(1) (for use with VG3, 7 & 8)	DY	9LV	13.87	78.59	39.99
(RT)	DS(1) (for use with VG3, 7, 8 & 9)	EA	9K8	19.39	79.73	41.13

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JUL 1 1986

BY *RS. 103*
PUBLIC SERVICE COMMISSION
OF MISSOURI

(1) Requires intermediate DSI to Voice Multiplex Service

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Public Service Commission

Issued: **AUG 15 1984**

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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

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

A. Facility Interface Combinations-(Continued)

2. Voice Grade Services-(Continued)

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 PUBLIC SERVICE COMMISSION
 OF MISSOURI
 Public Service Commission

IC	End User	USOC	Monthly Rates Per Service Termination	Nonrecurring Charges Per Service Termination	
				First Service	Additional Service
DA (for use with VG10)	DA	9KR	\$ 5.68	\$179.41	\$112.00
DB (for use with VG6 & 10)	DA	9KQ	5.68	179.41	112.00
DB (for use with VG6)	NO	9YJ	7.69	130.78	80.05
DD (for use with VG5)	DE	9KO	15.77	128.40	79.23
DS(1) (for use with VG2)	AC	9KV	15.88	73.62	41.01
DS(1) (for use with VG5, 6 & 10)	DA	9KT	5.36	85.15	46.56
DS(1) (for use with VG5)	DE	9KS	15.76	40.38	18.44
DS(1) (for use with VG9)	DX	9XU	12.88	78.59	39.99
DS(1) (for use with VG3, 7, 8 & 9)	DY	9LV	13.87	78.59	39.99
DS(1) (for use with VG3, 7, 8 & 9)	EA	9K8	19.39	193.41	41.13

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 83-258
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(1) Requires intermediate DS1 to Voice Multiplexer.

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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
Original Sheet 146

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Public Service Commission

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

A. Facility Interface Combinations-(Continued)

2. Voice Grade Services-(Continued)

IC	End User	USOC	Monthly Rates Per Service Termination	Nonrecurring Charges Per Service Termination	
				First Service	Additional Service
DS(1) (for use with VG3, 7, 8 & 9)	EB	9K9	\$19.39	\$79.73	\$41.13
DS(1) (for use with VG1)	GO	9K6	22.97	57.41	27.06
DS(1) (for use with VG1, 3 & 7)	GS	9K7	23.54	57.41	27.06
DS(1) (for use with VG2 & 7)	LA	9KY	17.51	83.94	47.75
DS(1) (for use with VG2 & 7)	LB	9K1	17.51	73.91	41.29
DS(1) (for use with VG2 & 7)	LC	9K2	17.51	73.62	41.01
DS(1) (for use with VG1, 2 & 7)	LO	9K3	17.51	73.62	41.01
DS(1) (for use with VG2)	LR	9K5	15.59	57.41	27.06
DS(1) (for use with VG2, 3, 7 & 8)	LS	9KX	17.79	57.41	27.06
DS(1) (for use with VG1, 2, 5, 6, 7 & 9)	NO	9KU	9.45	63.06	32.70

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JUL 1 1986

BY R.S. 103

PUBLIC SERVICE COMMISSION

JAN - 1 1984
83 - 253

(1) Requires intermediate DS1 to Voice Multiplexed

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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
1st Revised Sheet 147
Replacing Original Sheet 147

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

A. Facility Interface Combinations-(Continued)

2. Voice Grade Services-(Continued)

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IC	End User	USOC	Monthly Rates Per Service Termination	Nonrecurring Charges Per Service Termination	
				First Service	Additional Service
DS(1) (for use with VG3 & 7)	RV	9LB	\$11.51	\$ 73.62	\$ 41.01
DX (for use with VG9)	DX	9YE	14.76	151.25	89.77
DX (for use with VG3, 7 & 8)	DY	9J7	15.74	151.25	89.77
DX (for use with VG3, 7, 8 & 9)	EA	9KJ	20.87	165.31	102.19
DX (for use with VG3, 7, 8 & 9)	EB	9KK	20.87	165.31	102.19

(RT)

(RT)

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JUL 1 1986

BY Rs. 103
PUBLIC SERVICE COMMISSION
OF MISSOURI

FILED
OCT 15 1984
Public Service Commission

(1) Requires intermediate DSI to Voice Multiplexer.

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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 147

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

A. Facility Interface Combinations-(Continued)

2. Voice Grade Services-(Continued)

IC	End User	USOC	Monthly Rates Per Service Termination	Nonrecurring Charges Per Service Termination	
				First Service	Additional Service
DS(1) (for use with VG3 & 7)	RV	9LB	\$11.51	\$ 73.62	\$ 41.01
DX (for use with VG9)	DX	9YE	14.76	151.25	89.77
DX (for use with VG3, 7 & 8)	DY	9J7	15.74	151.25	89.77
DX (for use with VG3, 7, 8 & 9)	EA	9KJ	20.87	165.31	102.19
DX (for use with VG3, 7, 8 & 9)	EB	9KK	20.87	165.31	102.19
DX (for use with VG2 & 7)	LA	9JD	19.00	173.23	111.97
DX (for use with VG2 & 7)	LB	9JE	19.00	155.89	99.54

DEC 29 1983
MISSOURI
Public Service Commission

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OCT 15 1984
BY *LAE* *RS 147*
PUBLIC SERVICE COMMISSION
OF MISSOURI

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83 - 253
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(1) Requires intermediate DS1 to Voice Multiplexer.

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Access Services Tariff
Section 7
1st Revised Sheet 148
Replacing Original Sheet 148

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

A. Facility Interface Combinations-(Continued)

2. Voice Grade Services-(Continued)

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IC	End User	USOC	Monthly Rates Per Service Termination	Nonrecurring Charges Per Service Termination	
				First Service	Additional Service
(RT) DX (for use with VG8)	LS	9J6	\$20.79	\$147.88	\$ 92.54
(RT) DX (for use with VG3 & 7)	RV	9KM	12.98	149.59	95.58
(RT) EA (for use with VG9)	DX	9YA	19.88	182.49	110.53
EA (for use with VG3, 7 & 8)	DY	9G8	20.87	151.25	89.77
EA (for use with VG3, 7,8 & 9)	EA	9HX	25.40	183.64	111.67

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JUL 1 1986
BY J. R. S. 103
PUBLIC SERVICE COMMISSION
OF MISSOURI

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By R. D. BARRON, President-Missouri Division
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Access Services Tariff
Section 7
Original Sheet 148

ACCESS SERVICES

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DEC 29 1983

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

A. Facility Interface Combinations-(Continued)

2. Voice Grade Services-(Continued)

OCT 15 1984
BY RS 148
PUBLIC SERVICE COMMISSION
OF MISSOURI

IC	End User	USOC	Monthly Rates Per Service Termination	Nonrecurring Charges Per Service Termination	
				First Service	Additional Service
DX (for use with VG2, 3, 7 & 8)	LS	9J6	\$20.79	\$147.88	\$ 92.54
DX (for use with VG3 & 7)	RV	9KM	12.98	149.59	95.58
DX (for use with VG2, 3, 7, 8 & 9)	SF	9XB	21.63	165.31	102.19
EA (for use with VG2)	AC	9HC	22.88	149.59	95.58
EA (for use with VG9)	DX	9YA	19.88	182.49	110.53
EA (for use with VG3, 7 & 8)	DY	9G8	20.87	151.25	89.77
EA (for use with VG3, 7,8 & 9)	EA	9HX	25.40	183.64	111.67

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83 - 253

Issued: DEC 29 1983

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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
1st Revised Sheet 149
Replacing Original Sheet 149

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

A. Facility Interface Combinations-(Continued)

2. Voice Grade Services-(Continued)

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IC	End User	USOC	Monthly Rates Per Service Termination	Nonrecurring Charges Per Service Termination	
				First Service	Additional Service
EA (for use with VG3, 7, 8 & 9)	EB	9H1	\$25.40	\$183.64	\$111.67
(AT) EA (for use with VG8)	LS	9HF	23.30	130.97	81.96
(RT) EA (for use with VG3 & 7)	RV	9H2	24.98	149.59	95.58
(RT) EB (for use with VG9)	DX	9YB	19.89	182.49	110.53

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JUL 1 1986
BY 12 R.S.103
PUBLIC SERVICE COMMISSION
OF 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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ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

A. Facility Interface Combinations-(Continued)

2. Voice Grade Services-(Continued)

IC	End User	USOC	Monthly Rates Per Service Termination	Nonrecurring Charges Per Service Termination	
				First Service	Additional Service
EA (for use with VG3, 7, 8 & 9)	EB	9H1	\$25.40	\$183.64	\$111.67
EA (for use with VG2 & 7)	LB	9HN	24.51	155.89	99.54
EA (for use with VG3 & 7)	RV	9H2	24.98	149.59	95.58
EA (for use with VG3, 7, 8 & 9)	SF	9X5	27.15	165.31	102.19
EB (for use with VG9)	DX	9YB	19.89	182.49	110.53

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 OF MISSOURI

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By R. D. BARRON, Vice President-Missouri
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 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 150
Replacing Original Sheet 150

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

A. Facility Interface Combinations-(Continued)

2. Voice Grade Services-(Continued)

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Public Service Commission

IC	End User	USOC	Monthly Rates Per Service Termination	Nonrecurring Charges Per Service Termination	
				First Service	Additional Service
EB (for use with VG3, 7 & 8)	DY	9H8	\$20.87	\$151.25	\$ 89.77
EB (for use with VG3, 7, 8 & 9)	EA	9H9	26.39	183.64	111.67
EB (for use with VG3, 7, 8 & 9)	EB	9JB	26.39	183.64	111.67
(AT) EB (for use with VG8)	LS	9H3	23.30	130.97	81.96
EB (for use with VG3 & 7)	RV	9H7	18.51	149.59	95.58

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By R. D. BARRON, President-Missouri Division
Southwestern Bell Telephone Company
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Access Services Tariff
Section 7
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ACCESS SERVICES

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Public Service Commission

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

A. Facility Interface Combinations-(Continued)

2. Voice Grade Services-(Continued)

IC	End User	USOC	Monthly Rates Per Service Termination	Nonrecurring Charges Per Service Termination	
				First Service	Additional Service
EB (for use with VG3,7 & 8)	DY	9H8	\$20.87	\$151.25	\$ 89.77
EB (for use with VG3, 7, 8 & 9)	EA	9H9	26.39	183.64	111.67
EB (for use with VG3, 7, 8 & 9)	EB	9JB	26.39	183.64	111.67
EB (for use with VG3 & 7)	RV	9H7	18.51	149.59	95.58

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By R. D. BARRON, Vice President-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 151
Replacing Original Sheet 151

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

A. Facility Interface Combinations-(Continued)

2. Voice Grade Services-(Continued)

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IC	End User	USOC	Monthly Rates Per Service Termination	Nonrecurring Charges Per Service Termination	
				First Service	Additional Service
EC (for use with VG3, 7 & 8)	DY	9L2	\$20.87	\$151.25	\$ 89.77
EC (for use with VG3, 7 & 8)	EA	9LX	26.39	183.64	111.67
EC (for use with VG3, 7 & 8)	EB	9L1	26.39	183.64	111.67
(AT) EX (for use with VG1, 3 & 7)	GS	9SH	23.64	147.88	92.85
EX (for use with VG2 & 7)	LA	9SK	17.61	173.23	111.97
EX (for use with VG2 & 7)	LB	9SL	17.61	155.89	99.53
EX (for use with VG2 & 7)	LC	9SO	17.61	149.59	95.58
EX (for use with VG1, 2 & 7)	LO	9SJ	17.61	149.59	95.58

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BY 1st R.S. 103
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OF MISSOURI

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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 151

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

A. Facility Interface Combinations-(Continued)

2. Voice Grade Services-(Continued)

DEC 29 1983
Public Service Commission

IC	End User	USOC	Monthly Rates Per Service Termination	Nonrecurring Charges Per Service Termination	
				First Service	Additional Service
EC (for use with VG3, 7 & 8)	DY	9L2	\$20.87	\$151.25	\$ 89.77
EC (for use with VG3, 7 & 8)	EA	9LX	26.39	183.64	111.67
EC (for use with VG3, 7 & 8)	EB	9L1	26.39	183.64	111.67
EX (for use with VG3 & 7)	GS	9SH	23.64	147.88	92.85
EX (for use with VG2 & 7)	LA	9SK	17.61	173.23	111.97
EX (for use with VG2 & 7)	LB	9SL	17.61	155.89	99.53
EX (for use with VG2 & 7)	LC	9SO	17.61	149.59	95.58
EX (for use with VG1, 2 & 7)	LO	9SJ	17.61	149.59	95.58

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OCT 15 1984
BY *RS/51*
PUBLIC SERVICE COMMISSION
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83 - 253
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Issued: DEC 29 1983

Effective: JAN 0 1 1984

By R. D. BARRON, Vice President-Missouri
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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 152
Replacing Original Sheet 152

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

A. Facility Interface Combinations-(Continued)

2. Voice Grade Services-(Continued)

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(RT)

IC	End User	USOC	Monthly Rates Per Service Termination	Nonrecurring Charges Per Service Termination	
				First Service	Additional Service
EX (for use with VG1, 2, 3 & 7)	LS	9ST	19.41	147.88	92.54

(T)

GO (for use with VG1, 3 & 7)	GS	9G6	15.69	108.94	69.13
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(RT)

GS (for use with VG1)	GO	9G5	34.53	108.94	69.13
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(RT)

LO (for use with VG1, 2, 3 & 7)	LS	9GC	25.43	108.53	68.77
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(RT)

LO (for use with VG2, 3 & 7)	SF	9XP	26.27	165.31	102.19
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LR (for use with VG2)	LR	9G2	19.78	108.86	65.30
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LS (for use with VG2 & 7)					
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JUL 1 1986

BY at R.S. 103
LA PUBLIC SERVICE COMMISSION
9G2 MISSOURI 23.63

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160.63 82.03
OCT 15 1984
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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 152

ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

A. Facility Interface Combinations-(Continued)

2. Voice Grade Services-(Continued)

OCT 15 1984
BY RS 152
PUBLIC SERVICE COMMISSION

DEC 29 1983

Public Service Commission

IC	End User	USOC	Monthly Rates Per Service Termination	Nonrecurring Charges Per Service Termination	
				First Service	Additional Service
EX (for use with VG2)	LR	9SQ	\$15.69	\$149.59	\$ 95.58
EX (for use with VG1, 2, 3 & 7)	LS	9ST	19.41	147.88	92.54
EX (for use with VG7)	SF	9XD	20.26	165.31	102.19
GO (for use with VG1, 3 & 7)	GS	9G6	15.69	108.94	69.13
GO (for use with VG3 & 7)	SF	9XA	31.72	165.31	102.19
GS (for use with VG1)	GO	9G5	34.53	108.94	69.13
LO (for use with VG1, 2, 3, 7 & 8)	LS	9GC	25.43	108.53	68.77
LO (for use with VG2, 3 & 7)	SF	9XP	26.27	165.31	102.19
LR (for use with VG2)	LR	9G2	19.78	108.86	65.30
LR (for use with VG2)	SF	9XT	24.33	165.31	102.19
LS (for use with VG2 & 7)	LA	9GD	23.63	160.63	82.03

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108.86 65.30
JAN 1 1984
165.31-102.19
Public Service Commission

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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 153
Replacing Original Sheet 153

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

A. Facility Interface Combinations-(Continued)

2. Voice Grade Services-(Continued)

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IC	End User	USOC	Monthly Rates Per Service Termination	Nonrecurring Charges Per Service Termination	
				First Service	Additional Service
LS (for use with VG2 & 7)	LB	9GZ	\$23.63	\$156.59	\$ 82.58
LS (for use with VG2 & 7)	LC	9G1	23.63	142.77	67.49
LS (for use with VG1, 2 & 7)	LO	9G4	23.63	142.77	67.49
(RT)					
NO (for use with VG5, 6 & 10)	DA	9X2	7.69	130.23	80.05
(AT)					
NO (for use with VG1, 2,5, 6 & 7)	NO	9GE	7.51	120.72	75.53
RV (for use with VG3 & 7)	RV	9JC	11.61	108.94	69.13
SF (for use with VG2)	AC	9L5	23.69	149.59	95.58
SF (for use with VG9)	DX		20.71	165.31	

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BY R.S. 103
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Access Services Tariff
Section 7
Original Sheet 153

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

DEC 29 1983

7.5 Rates and Charges-(Continued)

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7.5.3 Features and Functions-(Continued)

OCT 15 1984

A. Facility Interface Combinations-(Continued)

2. Voice Grade Services-(Continued)

BY RS 153
PUBLIC SERVICE COMMISSION
OF MISSOURI

IC	End User	USOC	Monthly Rates Per Service Termination	Nonrecurring Charges Per Service Termination	
				First Service	Additional Service
LS (for use with VG2 & 7)	LB	9GZ	\$23.63	\$156.59	\$ 82.58
LS (for use with VG2 & 7)	LC	9G1	23.63	142.77	67.49
LS (for use with VG1, 2 & 7)	LO	9G4	23.63	142.77	67.49
LS (for use with VG2 & 3)	SF	9YG	26.27	165.31	102.19
NO (for use with VG6 & 10)	DA	9X2	7.69	130.23	80.05
NO (for use with VG1, 2,5, 6 & 7)	NO	9GE	7.51	120.72	75.53
RV (for use with VG3 & 7)	RV	9JC	11.61	108.94	69.13
SF (for use with VG2)	AC	9L5	23.69	149.59	95.58
SF (for use with VG9)	DX	9W1	20.71	165.31	102.19

JAN 1 1984
83-253
PUBLIC SERVICE COMMISSION

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

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

Access Services Tariff
Section 7
1st Revised Sheet 154
Replacing Original Sheet 154

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

A. Facility Interface Combinations-(Continued)

2. Voice Grade Services-(Continued)

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IC	End User	USOC	Monthly Rates Per Service Termination	Nonrecurring Charges Per Service Termination	
				First Service	Additional Service
SF (for use with VG3, 7 & 8)	DY	9L3	\$21.69	\$151.25	\$ 89.77
SF (for use with VG3, 7, 8 & 9)	EA	9PO	27.21	165.31	102.19
SF (for use with VG3, 7, 8 & 9)	EB	9P4	27.21	165.31	102.19
(RT) SF (for use with VG3 & 7)	GS	9PN	31.37	148.89	92.85
SF (for use with VG2 & 7)	LA	9ME	25.34	173.23	111.97
SF (for use with VG2 & 7)	LB	9MF	25.34	155.89	99.54
SF (for use with VG2 & 7)	LC	9MG	25.34	149.59	95.58
(RT) SF (for use with VG2 & 7)	LR	9L7	23.42	149.59	95.58
SF (for use with VG2)				147.88	92.54

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BY J.R.S. 103
PUBLIC SERVICE COMMISSION
OF MISSOURI
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OCT 15 1984
Public Service Commission

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By R. D. BARRON, President-Missouri Division
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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 154

ACCESS SERVICES

DEC 20 1983

Public Service Commission

7. SPECIAL ACCESS SERVICE-(Continued)

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7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

OCT 15 1984

A. Facility Interface Combinations-(Continued)

BY 10/15/84
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2. Voice Grade Services-(Continued)

IC	End User	USOC	Monthly Rates Per Service Termination	Nonrecurring Charges Per Service Termination	
				First Service	Additional Service
SF (for use with VG3, 7 & 8)	DY	9L3	\$21.69	\$151.25	\$ 89.77
SF (for use with VG3, 7, 8 & 9)	EA	9P0	27.21	165.31	102.19
SF (for use with VG3, 7, 8 & 9)	EB	9P4	27.21	165.31	102.19
SF (for use with VG1, 3 & 7)	GS	9PN	31.37	148.89	92.85
SF (for use with VG2 & 7)	LA	9ME	25.34	173.23	111.97
SF (for use with VG2 & 7)	LB	9MF	25.34	155.89	99.54
SF (for use with VG2 & 7)	LC	9MG	25.34	149.59	95.58
SF (for use with VG1, 2 & 7)	LO	9MK	25.34	149.59	95.58
SF (for use with VG2)	LR	9L7	23.42	147.88	92.54

JAN - 1 1984

83-253

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Access Services Tariff
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1st Revised Sheet 155
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ACCESS SERVICES

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7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

A. Facility Interface Combinations-(Continued)

2. Voice Grade Services-(Continued)

IC	End User	USOC	Monthly Rates Per Service Termination	Nonrecurring Charges Per Service Termination	
				First Service	Additional Service
SF (for use with VG2, 3, 7 & 8)	LS	9MD	\$27.13	\$147.88	\$92.54
SF (for use with VG3 & 7)	RV	9P5	19.33	149.59	95.58

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JUL 1 1986
BY LARS. LOB
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
Original Sheet 155

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

A. Facility Interface Combinations-(Continued)

2. Voice Grade Services-(Continued)

IC	End User	USOC	Monthly Rates Per Service Termination	Nonrecurring Charges Per Service Termination	
				First Service	Additional Service
SF (for use with VG1, 2, 3, 7 & 8)	LS	9MD	\$27.13	\$147.88	\$92.54
SF (for use with VG3 & 7)	RV	9P5	19.33	149.59	95.58

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BY *lot RS 155*
PUBLIC SERVICE COMMISSION
OF MISSOURI

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JAN - 1 1984
88 - 258
Public Service Commission

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

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Access Services Tariff
Section 7

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

A. Facility Interface Combinations-(Continued)

3. Program Audio Services

IC	End User	USOC	Monthly Rates Per Service Termination	Nonrecurring Charges Per Service Termination	
				First Service	Additional Service
PG3 (for use with AP1)	PG3	9AO	\$ 4.13	\$1,275.61	\$917.85
DS(1) (for use with AP1)	PG3	9AT	4.13	1,102.52	967.07
AH(2) (for use with AP1)	PG3	9AM	4.13	1,116.87	980.22
PG5 (for use with AP2)	PG5	9AV	21.25	1,275.61	917.85
DS(1) (for use with AP2)	PG5	9A1	21.25	1,102.52	967.07
AH(2) (for use with AP2)	PG5	9AZ	21.25	1,116.87	980.22
PG8 (for use with AP3)	PG8	9A3	20.35	1,275.61	917.85
DS(1) (for use with AP3)	PG8	9A6	20.35	1,102.52	967.07
AH(2) (for use with AP3)	PG8	9A4	20.35	1,116.87	980.22

CANCELLED

JAN - 1 1984
83 - 253

- (1) Requires intermediate DS1 to Voice Multiplexer. One voice channel for AP1, two voice channels for AP2, three voice channels for AP3 and six voice channels for AP4).
- (2) Requires intermediate Group to Voice Multiplexer.

PUBLIC SERVICE COMMISSION

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Effective: JAN 0 1 1984

By R. D. BARRON, Vice President-Missouri
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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 157

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

A. Facility Interface Combinations-(Continued)

3. Program Audio Services-(Continued)

DEC 29 1983
Public Service Commission

<u>IC</u>	<u>End User</u>	<u>USOC</u>	<u>Monthly Rates Per Service Termination</u>	<u>Nonrecurring Charges Per Service Termination</u>	
				<u>First Service</u>	<u>Additional Service</u>
PG1 (for use with AP4)	PG1	9A8	\$101.27	\$1275.61	\$917.85
DS(1) (for use with AP4)	PG1	9CC	101.27	1102.52	967.07

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JUL 1 1986

BY JARS 103
PUBLIC SERVICE COMMISSION

JAN 1 1984

83-253

(1) Requires intermediate DS1 to Voice Multiplexer. (One voice channel for AP1, two voice channels for AP2, three voice channels for AP3 and six voice channels for AP4).

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By R. D. BARRON, Vice President-Missouri
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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 158

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

A. Facility Interface Combinations-(Continued)

4. Wideband Analog Services

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IC	End User	USOC	Monthly Rates Per Service Termination	Nonrecurring Charges Per Service Termination	
				First Service	Additional Service
AH-D (for use with WA1)	AH-B	9WB++	ICB rates and charges apply	ICB rates and charges apply	ICB rates and charges apply
AH-C (for use with WA1)	AH-B	9WC++	ICB rates and charges apply	ICB rates and charges apply	ICB rates and charges apply
AH-B (for use with WA1)	AH-B	9WD++	ICB rates and charges apply	ICB rates and charges apply	ICB rates and charges apply
AH-C (for use with WA2)	AH-C	9WE++	ICB rates and charges apply	ICB rates and charges apply	ICB rates and charges apply

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Section 7

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

A. Facility Interface Combinations-(Continued)

4. Wideband Analog Services-(Continued)

IC	End User	USOC	Monthly Rates Per Service Termination	Nonrecurring Charges Per Service Termination	
				First Service	Additional Service
AH-D (for use with WA2)	AH-C	9WF++	ICB rates and charges apply	ICB rates and charges apply	ICB rates and charges apply

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

A. Facility Interface Combinations-(Continued)

5. Wideband Digital Services

IC	End User	USOC	Monthly Rates Per Service Termination	Nonrecurring Charges Per Service Termination	
				First Service	Additional Service
WB-19S (for use with WD1)	WC-19	9WL++	ICB rates and charges apply	ICB rates and charges apply	ICB rates and charges apply
WB-18S (for use with WD1)	WC-18	9WM++	ICB rates and charges apply	ICB rates and charges apply	ICB rates and charges apply
WB-19A (for use with WD1)	WC-19	9WN++	ICB rates and charges apply	ICB rates and charges apply	ICB rates and charges apply
WB-50S (for use with WD2)	WC-50	9WO++	ICB rates and charges apply	ICB rates and charges apply	ICB rates and charges apply
WB-40S (for use with WD2)	WC-40	9WV++	ICB rates and charges apply	ICB rates and charges apply	ICB rates and charges apply

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Replacing Original Sheet 161

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

A. Facility Interface Combinations-(Continued)

5. Wideband Digital Services-(Continued)

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<u>IC</u>	<u>End User</u>	<u>USOC</u>	<u>Monthly Rates Per Service Termination</u>	<u>Nonrecurring Charges Per Service Termination</u>	
				<u>First Service</u>	<u>Additional Service</u>
WB-50A (for use with WD2)	WC-50	9WR++	ICB rates and charges apply	ICB rates and charges apply	ICB rates and charges apply
WB-23S (for use with WD3)	WC-23S	9WS++	ICB rates and charges apply	ICB rates and charges apply	ICB rates and charges apply
WB-23A (for use with WD3)	WC-23	9WT++	ICB rates and charges apply	ICB rates and charges apply	ICB rates and charges apply

(RT)

DO
(for use with WD4)

DU-56 9WV++ ICB rates and charges apply
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ICB rates and charges apply ICB rates and charges apply ICB rates and charges apply

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7. SPECIAL ACCESS SERVICE-(Continued)

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7.5 Rates and Charges-(Continued)

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7.5.3 Features and Functions-(Continued)

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A. Facility Interface Combinations-(Continued)

5. Wideband Digital Services-(Continued)

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IC	End User	USOC	Monthly Rates Per Service Termination	Nonrecurring Charges Per Service Termination	
				First Service	Additional Service
WB-50A (for use with WD2)	WC-50	9WR++	ICB rates and charges apply	ICB rates and charges apply	ICB rates and charges apply
WB-23S (for use with WD3)	WC-23S	9WS++	ICB rates and charges apply	ICB rates and charges apply	ICB rates and charges apply
WB-23A (for use with WD3)	WC-23	9WT++	ICB rates and charges apply	ICB rates and charges apply	ICB rates and charges apply
WB-64 (for use with WD4)	DU-56	9WU++	ICB rates and charges apply	ICB rates and charges apply	ICB rates and charges apply
DO (for use with WD4)	DU-56	9WV++	ICB rates and charges apply	ICB rates and charges apply	ICB rates and charges apply

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

A. Facility Interface Combinations-(Continued)

6. Digital Data Access Services

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IC	End User	USOC	Monthly Rates Per Service Termination	Nonrecurring Charges Per Service Termination	
				First Service	Additional Service
DU-24 (for use with DA1)	DU-24	9CG	None	\$1,363.42	\$ 992.40
DS(1) (for use with DA1)	DU-24	9CN	None	1,159.04	1,016.26
DU-48 (for use with DA2)	DU-48	9CO	None	1,364.01	992.92
DS(1) (for use with DA2)	DU-48	9CU	None	1,159.38	1,016.56
DU-96 (for use with DA3)	DU-96	9CW	None	1,365.18	993.98
DS(1) (for use with DA3)	DU-96	9CJ	None	1,159.96	1,017.08
DU-56 (for use with DA4)	DU-56	9CK	\$13.22	1,401.22	1,226.76
DS(1) (for use with DA4)	DU-56	9CQ	23.03	1,189.42	1,045.85

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(1) Digital Data Carrier Multiplexing Equipment is required.

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7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

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7.5.3 Features and Functions-(Continued)

A. Facility Interface Combinations-(Continued)

7. High Capacity Services

IC	End User	USOC	Monthly Rates Per Service Termination	Nonrecurring Charges Per Service Termination	
				First Service	Additional Service
DS-15 (for use with HC1)	DU	9C4	\$599.18	\$325.10	\$182.91
DS-31 (for use with HC1C)(1)	DS-31	9UE	ICB rates and charges apply	ICB rates and charges apply	ICB rates and charges apply
DS-31 (for use with HC1C)	DS-15	9UD++	ICB rates and charges apply	ICB rates and charges apply	ICB rates and charges apply
DS-63 (for use with HC2)(1)	DS-63	9UJ++	ICB rates and charges apply	ICB rates and charges apply	ICB rates and charges apply
DS-63 (for use with HC2)	DS-15	9UH++	ICB rates and charges apply	ICB rates and charges apply	ICB rates and charges apply

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(1) Available only from IC terminal location to another IC terminal location.

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

A. Facility Interface Combinations-(Continued)

7. High Capacity Services-(Continued)

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IC	End User	USOC	Monthly Rates Per Service Termination	Nonrecurring Charges Per Service Termination	
				First Service	Additional Service
DS-44 (for use with HC3)(1)	DS-44	9UG++	ICB rates and charges apply	ICB rates and charges apply	ICB rates and charges apply
DS-44 (for use with HC3)	DS-15	9UF++	ICB rates and charges apply	ICB rates and charges apply	ICB rates and charges apply
DS-27 (for use with HC4)(1)	DS-27	9UC++	ICB rates and charges apply	ICB rates and charges apply	ICB rates and charges apply
DS-27 (for use with HC4)	DS-15	9UB++	ICB rates and charges apply	ICB rates and charges apply	ICB rates and charges apply

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

B. Voice Grade Performance

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Performance	USOC	Monthly Rates(1)	Nonrecurring charges	
			First Service(1)	Additional Service(1)
VG1	VGP	\$6.46	\$400.95	\$211.38
VG2		6.46	400.95	211.38
VG3		6.46	400.95	211.38
VG5		6.46	401.35	214.33
VG6		6.46	407.74	214.33
VG7		6.46	407.74	214.33
VG8		6.46	412.00	214.33
VG9		6.46	412.00	214.33
VG10		6.46	401.35	214.33

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(1) The monthly rates and nonrecurring charges apply on a per two-point service or each section (i.e., midlink or end link) of a multipoint service basis.

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Access Services Tariff
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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

C. Hub Functions

1. Multiplexing

DS4 to DS1: An arrangement that provides a 274.176 Mbps capacity to multiplex, on a digital time division basis, 168 DS1 channels.
(available with HC4)
- Per arrangement

USOC	Monthly Rates	Nonrecurring Charges
MQ4	ICB rates and charges apply	ICB rates and charges apply

DS3 to DS1: An arrangement that provides a 44.736 Mbps capacity to multiplex, on a digital time division basis, 28 DS1 channels.
(available with HC3)
- Per arrangement

MQ3	ICB rates and charges apply	ICB rates and charges apply
-----	-----------------------------	-----------------------------

DS2 to DS1: An arrangement that provides a 6.312 Mbps capacity to multiplex, on a digital time division basis, four DS1 channels.
(available with HC2)
- Per arrangement

MQ2	ICB rates and charges apply	ICB rates and charges apply
-----	-----------------------------	-----------------------------

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

C. Hub Functions-(Continued)

1. Multiplexing-(Continued)

DS1C to DS1: An arrangement that provides a 3.152 Mbps capacity to multiplex, on a digital time division basis, two DS1 channels.
(available with HC1C)
- Per arrangement

USOC

Monthly Rates

Nonrecurring Charges

MQC

ICB rates and charges apply

ICB rates and charges apply

Supergroup to Group: An arrangement that provides a Supergroup capacity (60 channels) to multiplex, on a frequency division basis, five Groups (12 channels each).
(available with WA2)
- Per arrangement

MQS++

ICB rates and charges apply

ICB rates and charges apply

Group to DS1: An arrangement that provides two group capabilities (i.e., WA1) to multiplex to a DS1 level.
(available with WA1T)
- Per arrangement

MQG++

ICB rates and charges apply

ICB rates and charges apply

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ACCESS SERVICES

- 7. SPECIAL ACCESS SERVICE-(Continued)
- 7.5 Rates and Charges-(Continued)
- 7.5.3 Features and Functions-(Continued)
- C. Hub Functions-(Continued)
- 1. Multiplexing-(Continued)

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	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
DS1 to Voice or Digital Data: An arrangement that provides a 1.544 Mbps capacity to multiplex, on a digital time division basis, 24 Voice or Digital Data(1) grade channels. (available with HC1) - Per arrangement	MQ1	\$116.57	\$171.26
Group to Voice: An arrangement that provides a Group capacity to multiplex, on a frequency division basis, 12 Voice grade channels. (available with WA1) - Per arrangement	MQV++	ICB rates and charges apply	ICB rates and charges apply
Voice to Narrowband (43-Type Carrier): An arrangement that provides a voice grade capacity to multiplex, on a frequency division basis, NB4 and NB5 channels. (available with VG6) - Per arrangement	MQX	\$281.63	\$383.43

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\$281.63 83 4353

(1) Digital Data channels are only available from the serving wire center serving the Telephone Company-designated Digital Hub. Digital Data on DS1 is used only as a component of DA1-4.

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

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7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

C. Hub Functions-(Continued)

1. Multiplexing-(Continued)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charge</u>	
			<u>Initial</u>	<u>Subsequent</u>
Digital Data Multiplexing: (Required with Digital Data Access service with DS facility interface at IC terminal location).				
Carrier Multiplexing Unit: An arrangement that provides a 1.544 Mbps capacity to multiplex on a digital time division basis, (23) 64 kbps channels.				
- Per Unit	QMU	\$170.44	\$158.60	None
Carrier Multiplexing Plug-Ins				
- Per 64 kbps channel equipped(1)	QPI	1.76	59.94	\$152.65
Carrier Sub-Multiplexing Unit: An arrangement that provides a 64 kbps capacity to multiplex on a digital time division basis, subspeed Digital Data Access Services				
- per unit				
- 20 2.4 kbps services	QSU24	165.29	100.11	188.59
- 10 4.8 kbps services	QSU48	85.19	80.03	170.63
- 5 9.6 kbps services	QSU96	59.22	80.03	170.63

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(1) Required with DS1 to Digital Data Channels Hub Multiplexing Capability (MQ1).

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Access Services Tariff
Section 7
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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

C. Hub Functions-(Continued)

2. Bridging

Narrowband Bridges

Two-Wire Bridging:
(available with NB1-2)
- Per Port

USOC	Monthly Rates	Nonrecurring Charges
BCNN2	\$3.60	\$ 5.93

Telegraph Bridging:
(available with NB4&NB5)

- Two-Wire
Per Port

BCNT2	3.60	7.10
-------	------	------

- Four-Wire
Per Port

BCNT4	3.60	11.80
-------	------	-------

Voice Grade Bridges

Voice Bridging:
(available with VG2)

- Two-Wire
Per Port

BCNV2	3.60	7.10
-------	------	------

- Four-Wire
Per Port

BCNV4	3.60	11.80
-------	------	-------

Data Bridging:
(available with VG5,

- Two-Wire
Per Port

BCND2	5.95	7.10
-------	------	------

- Four-Wire
Per Port

BCND4	5.95	11.80
-------	------	-------

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Access Services Tariff
Section 7
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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

C. Hub Functions-(Continued)

2. Bridging-(Continued)

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Voice Grade Bridges-(Continued)

DATAPHONE Select-A-Station
Bridging:
(available with VG5)

Sequential Arrangement
Ports

- Per 2-wire channel
connected

DQ2 \$ 27.60 \$ 7.10

- Per 4-wire channel
connected

DQ4 146.57 11.80

Addressable Arrangement
Ports

- Per 2-wire channel
connected

KQ2 29.59 7.10

- Per 4-wire channel
connected

KQ4 150.57 11.80

USOC Monthly Nonrecurring
 Rates Charges

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Section 7
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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

C. Hub Functions-(Continued)

2. Bridging-(Continued)

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Voice Grade Bridges-(Continued)

Telemetry and Alarm Bridging:
(available with VGS)

Split Band, Active Bridging

Channel Connections
- per channel connected

<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
CNLRX	\$10.46	\$7.10

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Access Services Tariff
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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

C. Hub Functions-(Continued)

2. Bridging-(Continued)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
Voice Grade Bridges-(Continued)			
Passive Bridging			
Channel Connections - Per channel connected	BCNTP	\$.95	\$ 7.10
Summation, Active Bridging			
Channel Connections - Per channel connected	BCNSA	1.77	7.10
<u>Program Audio Bridges</u> (available with AP1-4)			
Distribution Amplifiers - Per Bridge	BCNPA	47.42	39.96
<u>Digital Data Access Bridges</u> (available with DA1-4)			
Central office bridge - Per Port	BCNDA	8.72	11.80

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

D. Optional Features and Functions

1. Voice Grade Services

a. Conditioning

Conditioning provides more specific transmission characteristics for data services. There are two types of data conditioning, C-Type and DA-Type. C-Type conditioning controls attenuation distortion and envelope delay distortion; DA-Type conditioning controls the signal to C-notched noise ratio and intermodulation distortion.

Conditioning is charged for on a per two-point service or each section (i.e., midlink or end link). The parameters listed for each type of conditioning apply from point of interface to network interface. For two-point services, the parameters apply to each service. For multipoint services, the parameters apply to any path between any two service terminal points. C-Type and DA-Type conditioning are available only for data services.

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

D. Optional Features and Functions

1. Voice Grade Services-(Continued)

a. Conditioning-(Continued)

C-Type and DA-Type conditioning may be combined on the same service.

(1) C-Type Conditioning

For the additional control of attenuation distortion and envelope delay distortion on data services.

Attenuation Distortion
(Frequency Response)
Relative to 1004HZ

<u>Frequency Range (HZ)</u>	<u>Variation (db)</u>
400-2800	-1.0 to +2.0
300-3000	-1.0 to +3.0
300-3200	-2.0 to +6.0

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7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

D. Optional Features and Functions-(Continued)

1. Voice Grade Services-(Continued)

a. Conditioning-(Continued)

(1) C-Type Conditioning-(Continued)

Frequency Range (HZ)	Envelope Delay Distortion
	Variation (micro-seconds)
1000-2600	100
800-2600	200
600-2600	300
500-2800	600
500-3000	3000

(available with VG5-10)

- Per Two-Point

Service or each section (i.e., mid link or end link) of a

Multipoint Service

USOC	Monthly Rates	Nonrecurring Charges	
		Initial	Subsequent

X1C	\$7.40	\$12.47	\$771.12
-----	--------	---------	----------

(2) DA-Type Conditioning

For the control of signal to C-notched noise ratio and inter-modulation distortion on data services: DA-Type conditioning is available for two-point services or three-point multipoint services.

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PUBLIC SERVICE COMMISSION OF MISSOURI

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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 177

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

D. Optional Features and Functions-(Continued)

1. Voice Grade Services-(Continued)

a. Conditioning-(Continued)

(2) DA-Type Conditioning:-
(Continued)

The signal to C-notched noise ratio and intermodulation distortion parameters for DA-Type conditioning are:

- Signal to C-Notched Noise Ratio is equal to or greater than 32dB
- Intermodulation distortion:
 - Signal to second order modulation products (R2) is equal to or greater than 38dB
 - Signal to third order modulation products (R3) is equal to or greater than 42dB

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Access Services Tariff
Section 7
Original Sheet 178

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

D. Optional Features and Functions-(Continued)

1. Voice Grade Services-(Continued)

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a. Conditioning-(Continued)

(2) DA-Type Conditioning-(Continued)

When a service equipped with DA-Type conditioning is used for voice communications, the quality of the voice transmission may not be satisfactory. (available with VG6, 7 & 10)

- Per Two-Point Service or each section (i.e., mid link or end link) of a Multi-point Service

USOC	Monthly Rates	Nonrecurring Charges	
		Initial	Subsequent
XDC	\$1.65	\$10.65	\$769.30

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Access Services Tariff
Section 7
Original Sheet, 179

ACCESS SERVICES

DEC 29 1983

7. SPECIAL ACCESS SERVICE-(Continued)

Public Service Commission

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

D. Optional Features and Functions-(Continued)

1. Voice Grade Services-(Continued)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
			<u>Initial</u>	<u>Subsequent</u>
b. Improved Return Loss for effective two-wire transmission at the End User's premises. This option is applicable to all interfaces except E&M, SF & DX when the impedance code 2 is specified. The Improved Return Loss parameters are set forth in the Transmission Performance descriptions of the services with which this option is available. (available with VG2, 3&7) - Per End User's premises, per service	1RL2W	\$2.20	\$15.34	\$44.94

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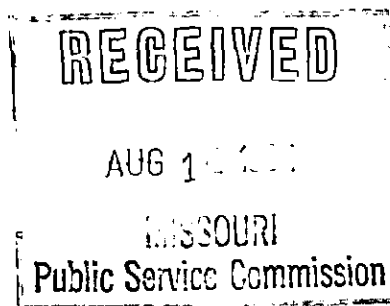
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Access Services Tariff
Section 7
1st Revised Sheet 180
Replacing Original Sheet 180

ACCESS SERVICES



- 7. SPECIAL ACCESS SERVICE-(Continued)
- 7.5 Rates and Charges-(Continued)
- 7.5.3 Features and Functions-(Continued)
- D. Optional Features and Functions-(Continued)
- 1. Voice Grade Services-(Continued)

USOC	Monthly Rates	Nonrecurring Charges	
		Initial	Subsequent

c. Improved Return Loss at four-wire point of interface, applicable to each two-wire leg of effective four-wire channel. The Improved Return Loss parameters are set forth in the Transmission Performance descriptions of the services with which this option is available.

(available with VG1-3, 5-10)

- Per IC terminal location, per service	1RL4W	\$2.20	\$27.87	\$57.46
---	-------	--------	---------	---------

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

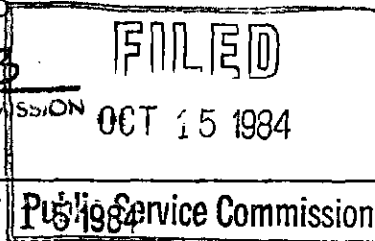
(available with VG2, 3, 7, 8 & 9)

- Per End User's premises, per service	RLS	None	10.87	40.47
--	-----	------	-------	-------

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By R. D. BARRON, President-Missouri Division
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Access Services Tariff
Section 7
Original Sheet 180

ACCESS SERVICES

DEC 29 1983

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

D. Optional Features and Functions-(Continued)

1. Voice Grade Services-(Continued)

Public Service Commission

<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
		<u>Initial</u>	<u>Subsequent</u>

c. Improved Return Loss at four-wire point of interface, applicable to each two-wire leg of effective four-wire channel. The Improved Return Loss parameters are set forth in the Transmission Performance descriptions of the services with which this option is available.

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OF MISSOURI

(available with VG1-3, 5-10)
- Per IC terminal location,
per service

IRL4W	\$2.20	\$27.87	\$57.46
-------	--------	---------	---------

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

(available with VG2, 3, 7, 8 & 9)

- Per End User's premises,
per service

RLS	None	10.87	40.47
-----	------	-------	-------

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Section 7
Original Sheet 181

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

D. Optional Features and Functions-(Continued)

2. Program Audio Services

DEC 29 1983

Public Service Commission

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
			<u>Initial</u>	<u>Subsequent</u>
a. Gain Conditioning				
Control of 1004 Hz AML at initiation of service to 0 dB + 0.5 dB. (available with AP1-4)				
- Per Service	XGC	\$4.88	\$65.06	\$382.71
b. Stereo - provision of a pair of gain/phase equalized channels for stereo applications. (Additional AP channel must be ordered separately). (available with AP4)				
- Per Service	XSC	None	65.06	382.71

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Access Services Tariff
Section 7
Original Sheet 182

ACCESS SERVICES

DEC 29 1983

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

D. Optional Features and Functions-(Continued)

3. Dedicated Access Line Service

Public Service Commission

	USOC	Monthly Rates	Nonrecurring Charges	
			Initial	Subsequent
a. Two-Wire Improved Voice Transmission Parameters: (the guaranteed levels are set forth in 7.2.1, F.4.b, preceding) - Per service	X2T	\$7.26	\$12.47	\$520.39
b. Four-Wire Improved Voice Transmission Parameters: (the guaranteed levels are set forth in 7.2.1, F.4.c., preceding) - Per service	X4T	7.26	12.47	520.39

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Access Services Tariff
Section 7
Original Sheet 183

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

D. Optional Features and Functions-(Continued)

4. Digital Data Access Services

DEC 29 1983
Public Service Commission

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
			<u>Initial</u>	<u>Subsequent</u>
a. Loop Transfer Arrangement - an arrangement that affords the end user an additional measure of protection to its access channel(s) on a 1xN basis. This arrangement is only available from a Telephone Company designated digital hub. A key activated control service is required to operate the transfer arrangement. This control service must be separately ordered from the appropriate Telephone Company IntraLATA tariff. (available with DA1, 2, 3 & 4)				
- Per Arrangement	XTD	\$19.10	\$99.32	\$210.39

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Access Services Tariff
Section 7
Original Sheet 184

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.3 Features and Functions-(Continued)

D. Optional Features and Functions-(Continued)

5. High Capacity Services

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Public Service Commission

a. Automatic Protection Switching: Switching equipment placed at both ends of a duplicate standby service to automatically switch the standby service to the active state in the event of service failure. Duplicate 1.544 Mbps Service must also be ordered.

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
			<u>Initial</u>	<u>Subsequent</u>
- Per Arrangement	APP	\$317.45	\$77.08	\$180.27

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Access Services Tariff
Section 7
1st Revised Sheet 185
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ACCESS SERVICES

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MISSOURI
Nonrecurring Charges
First Additional

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.4 Special Access Lines

(AT)

	USOC	Monthly Rates	Nonrecurring Charges First	Additional
2-Wire(1) (for use with NB1-2, NB4-5, VG1-3, VG5-10, and AP1-4)	EUC2X	\$38.47	None	None
2-Wire(1) (for use with Dedicated Access Line Service)(3)	X2H	38.47	\$509.05	\$275.75
4-Wire(1) (for use with NB4-5, VG1-3, VG5-10 and DA1-4)	EUC4X	61.22	None	None
4-Wire(1) (for use with Dedicated Access Line Service)(3)	X4H	61.22	509.05	275.75
Access for Intrastate WATS or WATS-like(2) -per line	DBX	39.07	None	None
Group(1) (for use with WA1)	EUJ++	ICB rates and charges apply		
Supergroup(1) (for use with WA1)	EUK++	ICB rates and charges apply		

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- (1) See 7.4.2, preceding, for application of Special Access Service Surcharge.
- (2) This arrangement is available only when the Telephone Company-provided WATS line is used for interLATA purposes. It is provided only when an IC provides an interLATA service that is compatible with the capabilities associated with the Telephone Company-provided Outward WATS or WATS-like services. When this rate element is applicable, the rates for Dedicated Access Lines Services are not applicable.
- (3) When the SAL is for an extension on a Dedicated Access Line Service, the USOC code is changed to XCE.

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

DEC 29 1983

7.5 Rates and Charges-(Continued)

Public Service Commission

7.5.4 Special Access Lines

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
			<u>First</u>	<u>Additional</u>
2-Wire(1) (for use with NB1-2, NB4-5, VG1-3, VG5-10, and AP1-4)	EUC2X	\$38.47	None	None
2-Wire(1) (for use with Dedicated Access Line Service)	X2H	38.47	\$509.05	\$275.75
4-Wire(1) (for use with NB4-5, VG1-3, VG5-10 and DA1-4)	EUC4X	61.22	None	None
4-Wire(1) (for use with Dedicated Access Line Service)	X4H	61.22	509.05	275.75
Access for Intrastate WATS or WATS-like(2) -per line	DBX	39.07	None	None
Group(1) (for use with WA1)	EUJ++	ICB rates and charges apply		
Supergroup(1) (for use with WA2)	EUK++	ICB rates and charges apply		

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BY *DE RS 185*
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88-253

- (1) See 7.4.2, preceding, for application of Special Access Service Surcharge.
- (2) This arrangement is available only when the Telephone Company-provided WATS line is used for interLATA purposes. It is provided only when an IC provides an interLATA service that is compatible with the capabilities associated with the Telephone Company-provided Outward WATS or WATS-like services. When this rate element is applicable, the rates for Dedicated Access Lines Services are not applicable.

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.4 Special Access Lines-(Continued)

DEC 29 1983

Public Service Commission

Each:	USOC	Monthly Rates
19.2 kbps(1) (for use with WD1).	EUQ++	ICB rates and charges apply
50 kbps(1) (for use with WD2)	EUR++	ICB rates and charges apply
230.4 kbps(1) (for use with WD3)	EUT++	ICB rates and charges apply
56 kbps(1) (for use with WD4)	EUV++	ICB rates and charges apply
DS1(1) - 1.544 Mbps (for use with HC1)	EUW	\$125.14
DS1C(1) - 3.152 Mbps (for use with HC1C)	EUL++	ICB rates and charges apply

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(1) See 7.4.2, preceding, for application of Special Access Service Surcharge.

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ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.5 Rates and Charges-(Continued)

7.5.4 Special Access Lines-(Continued)

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Public Service Commission

Each:	<u>USOC</u>	<u>Monthly Rates</u>
DS2(1) - 6.312 Mbps (for use with HC2)	EU2++	ICB rates and charges apply
DS3(1) - 44.736 Mbps (for use with HC3)	EU3++	ICB rates and charges apply
DS4(1) - 274.176 Mbps (for use with HC4)	EUZ++	ICB rates and charges apply

<u>Optional Feature</u>	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charge</u>
Hybrid: Provides conversion from 4-wire SAL to 2-wire termination at End User's premises. Required to meet effective four-wire performance with a 2-wire End User's premises facility interface.	HBC	\$6.05	\$15.34

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Access Services Tariff
Section 7
Original Sheet 188

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

DEC 29 1983

7.5 Rates and Charges-(Continued)

7.5.4 Special Access Lines-(Continued)

Public Service Commission

Each:	<u>USOC</u>	<u>Monthly Rates</u>
Special Access Service Surcharge(1)		
Per Voice equivalent channel	S25	\$28.23

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