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 |
|---|---|
| Bridging<br><br>- Central Office Bridging Capability<br>- Telegraph(1) Bridging | Bridging |
| Clear Channel Capability on 1.544 Mbps | Access To Clear Channel Transmission |
| Conditioning | Conditioning |
| Extended Superframe Format | Extended Superframe Conditioning |
| Multiplexing<br><br>- Central Office Multiplexing | Multiplexing - Digital |
| 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.

CANCELLED - Missouri Public Service Commission - 11/01/2025 - JI-2026-0046

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

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 |
|---|---|
| Bridging | Bridging |
| - Central Office Bridging Capability<br>- 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)

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

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 |
|---|---|
| Bridging | Bridging |
| - Central Office Bridging Capability<br>- 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 |

(RT)



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

FILED
Missouri Public
Service Commission
JI-2012-0208

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.

| Telephone Company Names | Generic Name of ONA Service |
|---|---|
| Automatic Loop Transfer | Automatic Protection Switching |
| Bridging | Bridging |
| - Central Office Bridging Capability<br>- 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)



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

OCT - 5 1992

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

(CT) 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~~ 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
4th Revised Sheet 1
Replacing 3rd Revised Sheet 1

RECEIVED
MAY 29 1991
MISSOURI
Public Service Commission

ACCESS SERVICES

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 customer (IC) designated premises(1), either directly or through a Telephone
(AT) 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
(AT) premises with the WATS serving office. Network Reconfiguration Service, found in Section 19, following, works in conjunction with Special Access
(AT) 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 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 5th 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
AUG 5 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
3rd Revised Sheet 1
Replacing 2nd Revised Sheet 1

RECEIVED
OCT 13 1987
MISSOURI
Public Service Commission

ACCESS SERVICES

## 7. SPECIAL ACCESS SERVICE

### 7.1 General

(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 (AT) functions are performed. The WATS Access Line, offered under Voice Grade Service, provides a transmission path connecting a customer designated prem- (AT) ises 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
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
OCT 16 1987
Public Service Commission

---

Issued: OCT 14 1987

Effective: OCT 16 1987 TO-87-42

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

RECEIVED
JUN 27 1986
MISSOURI
Public Service Commission

(CP)ACCESS SERVICES

## 7. SPECIAL ACCESS SERVICE

### 7.1 General

Special Access Service provides a transmission path [illegible] Interexchange Carrier (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
Public Service Commission
MISSOURI

FILED
JUL 1 1986
86-84
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: 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
1st Revised Sheet 1
Replacing Original Sheet 1

RECEIVED
AUG 1
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 grd 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)

FILED
OCT 15 1984
Public Service Commission

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



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 1st 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.

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) (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.

#### 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) (AT)

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

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, 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, 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.

(RT)

(RT)

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.



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 1.01
Replacing 2nd Revised Sheet 1.01

RECEIVED
AUG 26 1994
MO. PUBLIC SERVICE COMM.

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, Network Reconfiguration Service, (AT) 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 (AT) the WATS serving office. Network Reconfiguration Service and Transport (AT) 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
4th RSI.01
by Public Service Commission
MISSOURI
FILED
SEP 26 1994

(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: AUG 26 1994
Effective: SEP 26 1994 MISSOURI Public Service Commission
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
2nd Revised Sheet 1.01
Replacing 1st Revised Sheet 1.01

ACCESS SERVICES

RECEIVED
MAY 24 1994
MISSOURI
Public Service Commission

## 7. SPECIAL ACCESS SERVICE

### 7.1 General

Special Access Service with the exception of the WATS Service Connection 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 (AT) 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 (AT) 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
SEP 26 1994
2nd R.S. #1.01
By 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.



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

RECEIVED
FEB 9 1993
MISSOURI
Public Service Commission

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

(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: MAR 11 1993

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

APR 19 1993
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
MISSOURI
Public Service Commission

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE

(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 #1.01
BY Let R.S.
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 (MT) administering regulations and rates contained in this Tariff.

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

Issued: MAR 26 1993

Effective:

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)

7.1.1 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.

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.

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

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

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.

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.

CANCELLED - Missouri Public Service Commission - 11/01/2025 - JI-2026-0046

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

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)

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

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 orasynchronous 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)



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

FILED
Missouri Public
Service Commission
JI-2013-0048

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 orasynchronous serial data at rates of up to 19.2, 50.0 or 230.4 kbps.

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
(AT) are also provided in conjunction with Frame Relay Service.

High Capacity - A channel for the transmission of isochronous
(RT) 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
(AT) Relay Service.

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

[sm]Service Mark of Southwestern Bell Telephone Company.



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.

(AT) DovLink[sm] - A channel for the transmission of either synchronous or asynchronous data at speeds of 2.4, 4.8 or 9.6 kbps.

(AT) [sm]Service Mark of Southwestern Bell Telephone Company.

CANCELLED
JUL 15 1994
4th R.S. #2
Public Service Commission
MISSOURI

DEC 4 1992

DEC -10 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)

RECEIVED
SEP 25 1989
MISSOURI
Public Service Commission

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.

CANCELLED
DEC 4 1992
BY 324 R.S. #2
Public Service Commission
MISSOURI

(RT)

(RT)

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.

(CT)

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
Public Service Commission

Issued: SEP 25 1989

Effective: 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 2
Replacing Original Sheet 2

(CP)ACCESS SERVICES

RECEIVED
JUN 27 1986
MISSOURI
Public Service Commission

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.

CANCELLED
OCT 1 1989
BY 2nd R.S.#2
Public Service Commission
MISSOURI

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.

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 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.

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.

CANCELLED
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.



RECEIVED
DEC 29 1983
MISSOURI
Public Service Commission

ACCESS SERVICES

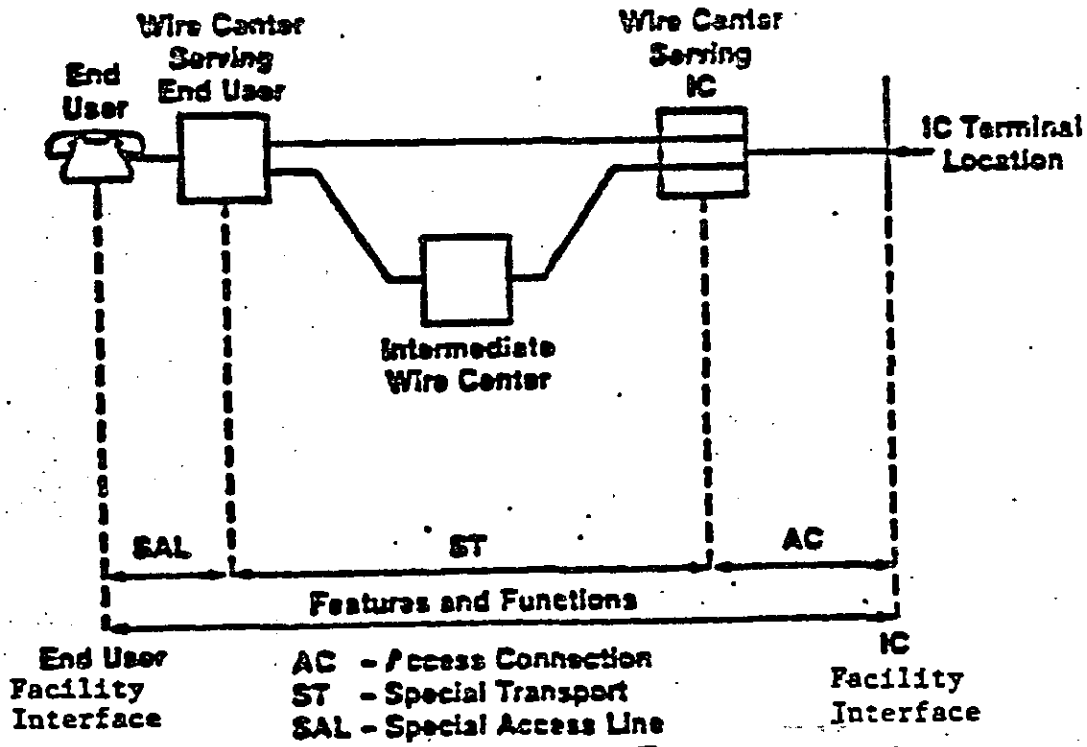
7. SPECIAL ACCESS SERVICE-(Continued)

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 R.S. #2
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 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

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

RECEIVED
FEB 9 1993
MISSOURI
Public Service Commission

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.1 Channel Types-(Continued)

(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. (AT)

CANCELLED
FEB 10 1997
By let R.S. # 2.01
Public Service Commission
MISSOURI

FILED
APR 19 1993
APR 19 1993
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

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.

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.

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.



CANCELLED - Missouri Public Service Commission - 11/01/2025 - JI-2026-0046
FILED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

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) (AT)

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

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.

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
(RT) 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)



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

FILED
Missouri Public
Service Commission
JI-2015-0173

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



CANCELED
November 20, 2014
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 3
Replacing 1st Revised Sheet 3

ACCESS SERVICES

RECEIVED
FEB 26 1990
MISSOURI
Public Service Commission

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 Voice Grade channels.

CANCELLED
APR 11 1993
BY 3rd R.S. 3
Public Service Commission
MISSOURI

7.1.2 Rate Categories

(CT) 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)
(AT) - Service to Service Through Connect Arrangements (described in Paragraph 7.1.2, C., following)
(FC) - Optional Features and Functions (described in Paragraph 7.1.2, D., following)

Issued: FEB 22 1990 Effective: MAR 26 1990

FILED
MAR 26 1990
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 3
Replacing Original Sheet 3

RECEIVED
JUN 27 1986
MISSOURI
Public Service Commission

(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 2nd P.S.C. #3
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 3

RECEIVED
DEC 29 1983
MISSOURI
Public Service Commission

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

CANCELLED
JULY 1986
PUBLIC SERVICE COMMISSION
OF MISSOURI

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

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

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.

(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.



CANCELLED - Missouri Public Service Commission - 11/01/2025 - JI-2026-0046
FILED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

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

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) (AT)

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. (CT)

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.



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 4
Replacing 3rd Revised Sheet 4

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

RECEIVED
FEB 14 1991
Public Service Commission

7.1 General-(Continued)

7.1.2 Rate Categories-(Continued)

A. Channel Termination

(AT) 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 (AT) 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 co-located in a Telephone Company building.

CANCELED
SEP 26 1994
5th R.S. # 4
BY Public Service Commission
Public Service Commission

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.

Issued: FEB 15 1991 Effective: MAR 18 1991

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

FILED
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

CANCELLED
MAR 18 1991
BY 4th R.S. #4
Public Service Commission
MISSOURI

RECEIVED
FEB 20 1990
MISSOURI
Public Service Commission

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 (FC) 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.

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 (AT) be responsible for all billing associated with the interconnection.

(MT)

Issued: FEB 2 2 1990

Effective: MAR 2 6 1990

FILED
MAR 26 1990
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 4
Replacing 1st Revised Sheet 4

ACCESS SERVICES

RECEIVED
OCT 13 1987
MISSOURI
Public Service Commission
CANCELLED
MAR 26 1990
BY 3rd R.S. #4
Public Service Commission
MISSOURI

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 two customer designated premises, between a serving wire center associated with a customer designated premises and a Telephone Company Hub, between two
(AT) Telephone Company Hubs, or between a serving wire center associated
(AT) 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. 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.

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 4
Replacing Original Sheet 4

RECEIVED
JUN 27 1986
MISSOURI
Public Service Commission

(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.

CANCELLED
OCT 16 1987
BY 24 RS #4
Public Service Commission
MISSOURI

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 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.

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 4

RESCINDED

DEC 29 1983
MISSOURI
Public Service Commission

ACCESS SERVICES

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 Configurations

CANCELLED
JAN 1 1984

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

BY P.S.C. #4
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

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 (RT) 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 (RT) 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.



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 5
Replacing 7th Revised Sheet 5

RECEIVED
AUG 26 1994
MO. PUBLIC SERVICE COMM.
CANCELLED
FEB 02 2003
By
Public Service Commission
MISSOURI

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.2 Rate Categories-(Continued)

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
(AT) Resource Management 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,
(AT) following, or to reterminate Network Reconfiguration Service or Transport
(AT) Resource Management 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
(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.

FILED
SEP 26 1994
MISSOURI
Public Service Commission

Issued: AUG 26 1994 Effective: SEP 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 5
Replacing 6th Revised Sheet 5

ACCESS SERVICES

RECEIVED
MAR 29 1993
MISSOURI
Public Service Commission

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.2 Rate Categories-(Continued)

(AT) D. Optional Features, BSEs and Functions

(AT) (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 available include, but are not limited to, the following:

CANCELLED
SEP 26 1994
BY 8 M.R.S. # 5
Public Service Commission
MISSOURI

- 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 F.C.C.

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
6th Revised Sheet 5
Replacing 5th Revised Sheet 5

ACCESS SERVICES

RECEIVED
AUG 9 1991
MISSOURI
Public Service Commission

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:

CANCELLED
APR 11 1993
BY 7th R.S. # 5
Public Service Commission
MISSOURI

- Signaling Capability
- Hubbing Functions
- Conditioning
- Transfer Arrangements

A Hub is a Telephone Company designating serving wire center where 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 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
(AT) filed with the F.C.C.

(MT)



FILED
SEP 3 0 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
5th Revised Sheet 5
Replacing 4th Revised Sheet 5

ACCESS SERVICES

RECEIVED
MAY 29 1991
MISSOURI
Public Service Commission

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

CANCELLED
SEP 30 1991
BY 6th R.S. # 5
Public Service Commission

(AT) (C) (AT) (AT) (AT) (AT) 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.

---

Issued: JUN 04 1991

Effective: AUG 05 1991

FILED
AUG 5 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
4th Revised Sheet 5
Replacing 3rd Revised Sheet 5

ACCESS SERVICES

RECEIVED
FEB 20 1990
MISSOURI
Public Service Commission

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.2 Rate Categories-(Continued)

(FC) 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 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

CANCELLED
AUG 2 1991
BY 5th R.S. #5
Public Service Commission
MISSOURI

A Hub is a Telephone Company designated serving wire center at which bridging or multiplexing functions are performed. The bridging functions 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.

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)

Issued: FEB 22 1990

Effective: MAR 26 1990

FILED
MAR 26 1990
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
3rd Revised Sheet 5
Replacing 2nd Revised Sheet 5

ACCESS SERVICES

RECEIVED
SEP 25 1989
MISSOURI
Public Service Commission

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

(RT) 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 lover 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 three types of service configurations over which Special Access Servics 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.

CANCELLED
MAR 26 1990
BY 4th R.S. #5
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 5
Replacing 1st Revised Sheet 5

ACCESS SERVICES

RECEIVED
OCT 13 1987
MISSOURI
Public Service Commission

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

(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.

CANCELLED
OCT 1 1989
BY 2nd R.S. #5
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 5~~
Replacing Original Sheet 5

RECEIVED
JUN 27 1986
MISSOURI
Public Service Commission

(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.

CANCELLED
OCT 16 1987
BY 2nd RS. #5
Public Service Commission
MISSOURI

7.1.3 Service Configurations

There are two types of service configurations over which Special 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.

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 5

RECEIVED
DEC 29 1983
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.

CANCELLED
JUL 1 1986
BY Mch R.S. #5
PUBLIC SERVICE COMMISSION
OF MISSOURI

FILED
JAN - 1 19
83-253
Public 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 (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.

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.

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

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

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: (RT)

- 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.



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
8th Revised Sheet 6
Replacing 7th Revised Sheet 6

RECEIVED
AUG 26 1994
MO. PUBLIC SERVICE COMM.

ACCESS SERVICES

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

(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.

CANCELLED
FEB 02 2003
By Public Service Commission
MISSOURI

FILED
SEP 26 1994

Issued: AUG 26 1994

Effective: SEP 26 1994

MISSOURI
Public Service Commission

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

RECEIVED
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)
(AT) - 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.

CANCELLED
SEP 26 1994
BY 8th R.S. #6
Public Service Commission
MISSOURI

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
6th Revised Sheet 6
Replacing 5th Revised Sheet 6

ACCESS SERVICES

RECEIVED
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 (MT) 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 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 7th R.S. # 6
Public Service Commission
MISSOURI

FILED
SEP 30 1991
Public Service Commission

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

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



ACCESS SERVICES

RECEIVED
MAY 29 1991
MISSOURI
Public Service Commission

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.3 Service Configurations-(Continued)

A. Two-Point Service

(AT) A two-point service connects two customer-designated premises, either on a
(AT) 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
SEP 30 1991
BY 6TH R.S. #6
Public Service Commission
MISSOURI

Issued: JUN 04 1991 Effective: AUG 05 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
4th Revised Sheet 6
Replacing 3rd Revised Sheet 6

ACCESS SERVICES

RECEIVED
FEB 20 1990
MISSOURI
Public Service Commission

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.

CANCELLED
AUG 2 1991
BY 5th R.S. 46
Public Service Commission
MISSOURI

Issued: FEB 2 2 1990 Effective: MAR 2 6 1990

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

FILED
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

RECEIVED
SEP 25 1989
MISSOURI
Public Service Commission

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)

(F) 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
(F) Paragraph 7.3.3, following, and/or an Inside Wire Recovery Charge as set
(F) forth in Paragraph 7.3.9, following, may be applicable.

CANCELLED
MAR 26 1990
BY 4th R.S. #6
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 6
Replacing 1st Revised Sheet 6

RECEIVED
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)

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 3rd R.S. #6
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 6
Replacing Original Sheet 6

RECEIVED
AUG 1[illegible]
MISSOURI
Public Service Commission

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 monthly rate at the initial installation of service. (CT)

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 Multiplexing (per End User's premises)

g. Features and functions
- VG performance
- Conditioning

CANCELLED
JUL 1 1986
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

RECEIVED
DEC 29 1983
Public Service Commission

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.

CANCELLED
OCT 15 1984
BY PUBLIC SERVICE COMMISSION OF MISSOURI

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

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

ACCESS SERVICES

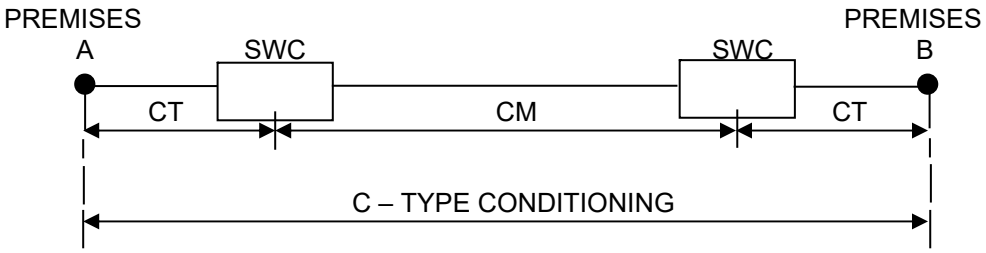
7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.3 Service Configurations-(Continued)

A. Two-Point Service-(Continued)

The following diagram depicts a two-point Voice Grade(1) Service connecting two customer designated premises located 15 miles apart. The service is provided with C-Type conditioning. (CP)




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)

(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

ACCESS SERVICES

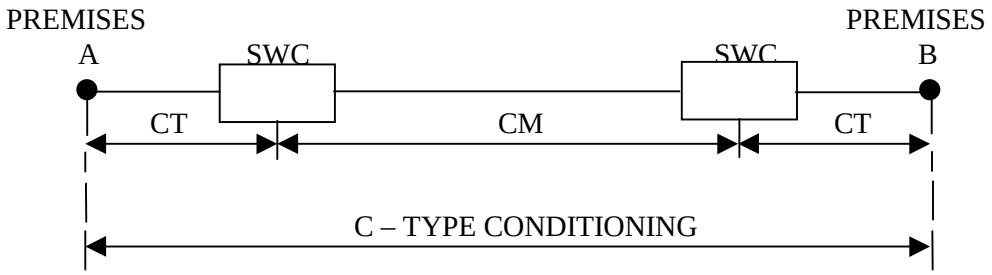
7. SPECIAL ACCESS SERVICE-(Continued)

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)



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

ACCESS SERVICES

RECEIVED
DEC 29 1983
MISSOURI
Public Service Commission

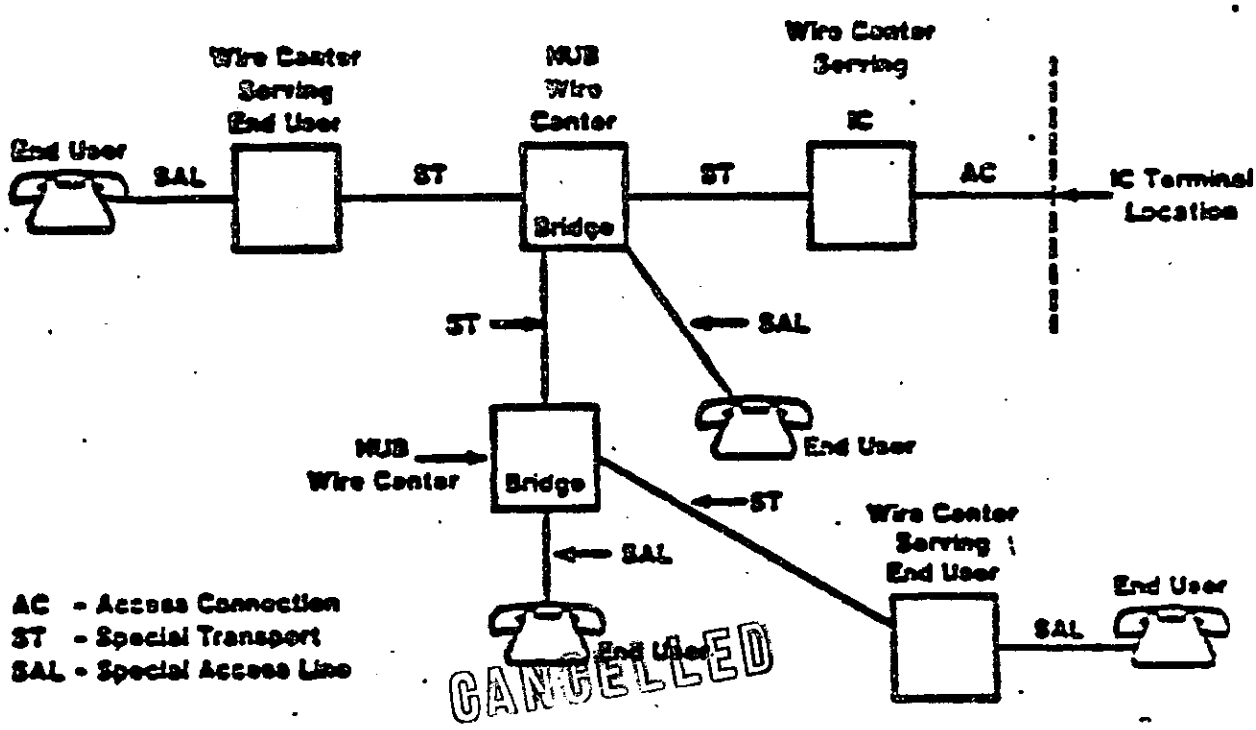
7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.4 Service Configurations-(Continued)

B. Multipoint Service-(Continued)

## MULTIPOINT SERVICE CONFIGURATION




CANCELLED
JUL 1 1986
BY PUBLIC SERVICE COMMISSION
STATE OF MISSOURI

As each additional leg is added to an existing multipoint service, additional Special Transport, an End User's facility interface(s), 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.

FILED
JAN - 1 1984
88-253

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.



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

RECEIVED
AUG 9 1991
MISSOURI
Public Service Commission

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.

(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
SEP 30 1991
Public Service Commission

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

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

RECEIVED
FEB 20 1990
MISSOURI
Public Service Commission

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.

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

CANCELLED
SEP 30 1991
BY J.M.R.S. #8
Public Service Commission
MISSOURI

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
(C) - 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
(RT) Paragraph 7.3.3, following, may be applicable.
(RT)

Issued: FEB 22 1990 Effective: MAR 26 1990

FILED
MAR 26 1990
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
5th Revised Sheet 8
Replacing 4th Revised Sheet 8

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

RECEIVED
SEP 25 1989
MISSOURI
Public Service Commission

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 customer premises serving wire center and the designated Hub and between Hubs)
- Bridging
- Addition Optional Features and Functions (when applicable)

(F) 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
(F) Paragraph 7.3.3, following, and/or an Inside Wire Recovery Charge as set
(F) forth in Paragraph 7.3.9, following, may be applicable.

CANCELLED
MAR 26 1990
BY 6 R.S. #8
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
4th Revised Sheet 8
Replacing 3rd Revised Sheet 8

ACCESS SERVICES

RECEIVED
AUG 15 1988
MISSOURI
Public Service Commission

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.

(CT) 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 (CT) that Hub.

CANCELLED
OCT 1 1989
BY 5th R.S. #8
Public Service Commission
MISSOURI

Applicable Rate Elements are:

- Channel Terminations (one per customer designated premises)
- Channel Mileage (as applicable between each designated customer (CT) 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.

Issued: AUG 15 1988

Effective: SEP 14 1988

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

FILED
SEP 14 1988
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

ACCESS SERVICES

RECEIVED
MAY 2 1988
MISSOURI
Public Service Commission

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.

(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.

CANCELLED
SEP 14 1988
BY 4th R.S. #8
Public Service Commission
MISSOURI

FILED
JUL 1 1988
84-222 et al.
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

RECEIVED
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.

CANCELLED
JUL 1 1988
3rd R.S. #8
BY
Public Service Commission
MISSOURI

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.

FILED
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

RECEIVED
AUG 14 1984
MISSOURI
Public Service Commission

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 (RT) 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).

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 (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

CANCELLED
JUL 1 1986
BY 2nd R.S.#8
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.



RECEIVED
DEC 2 9 1983
MISSOURI
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 PUBLIC SERVICE COMMISSION OF MISSOURI

7.1.7 Design Layout Report

The Telephone Company will provide to the IC, the makeup 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

JAN 1 1984
83-253
Public Service C

ACCESS SERVICES

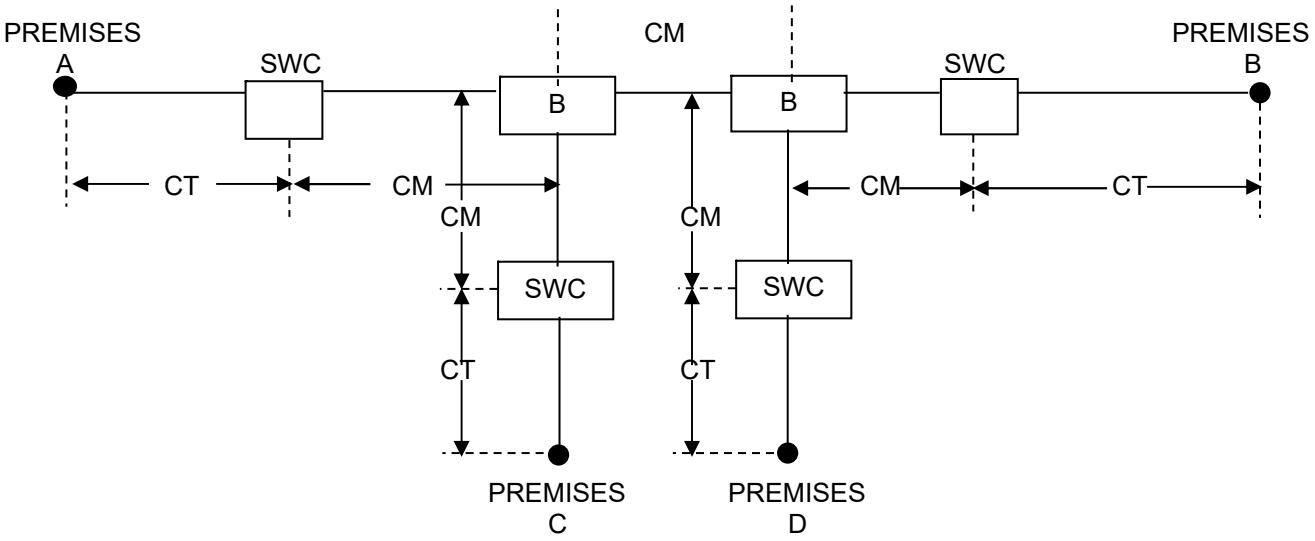
7. SPECIAL ACCESS SERVICE-(Continued)

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)

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

ACCESS SERVICES

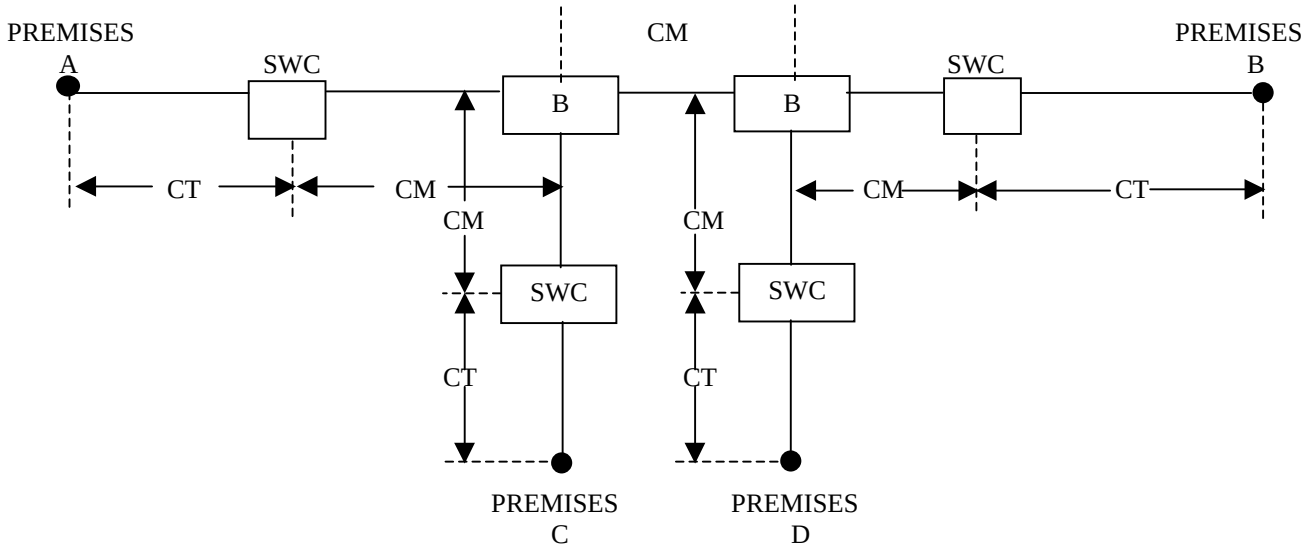
7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.3 Service Configurations-(Continued)

B. Multipoint Service-(Continued)

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




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)



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~~

RECEIVED
JUN 27 1986
MISSOURI
Public Service Commission

(CP)ACCESS SERVICES

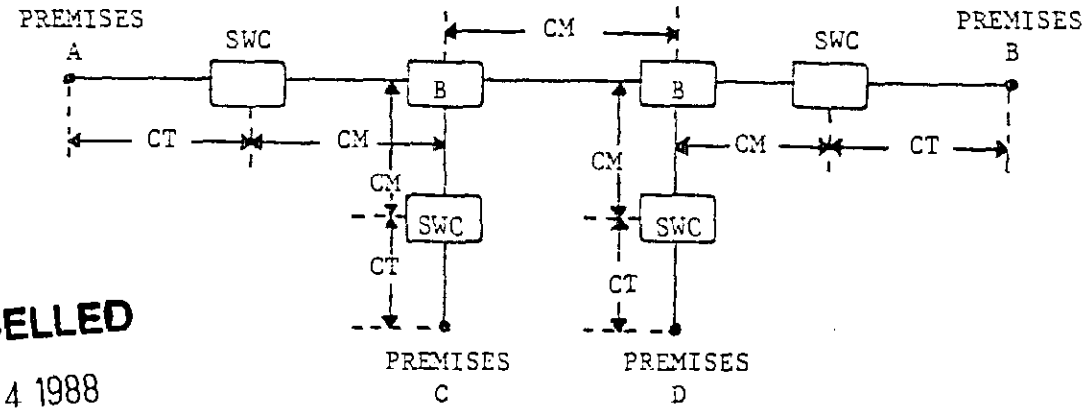
7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.3 Service Configurations-(Continued)

B. Multipoint Service-(Continued)

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




CANCELLED
SEP 14 1988
BY 2nd R.S. #9
Public Service Commission
MISSOURI

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

FILED
JUL 1 1986
86-84
Public Service Commission

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

RECEIVED
DEC 2 [illegible]
Public Service Commission

ACCESS SERVICES

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 intrastate 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 JAH R.S.9
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

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

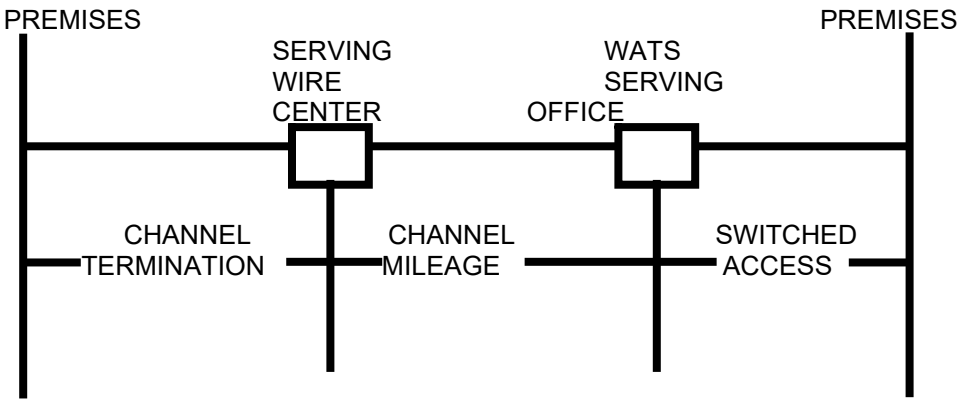
7.1 General-(Continued)

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)

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

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

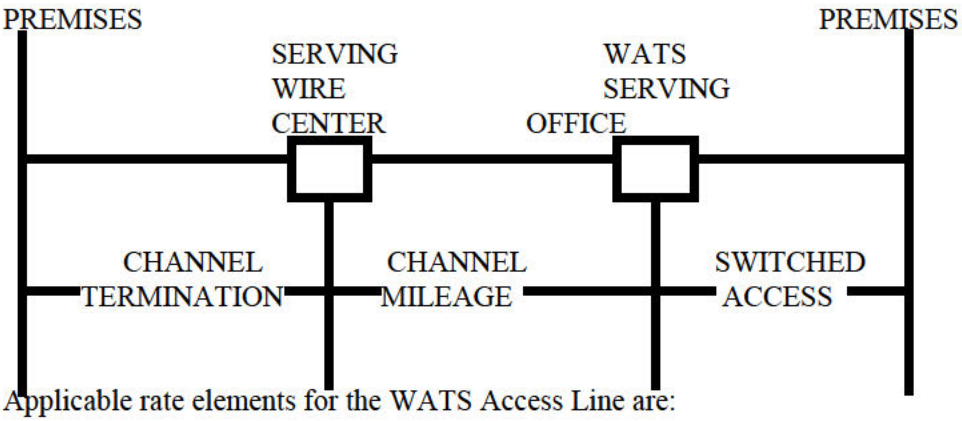
7.1 General-(Continued)

7.1.3 Service Configurations-(Continued)

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
(AT) 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.



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 9.01
Replacing Original Sheet 9.01

ACCESS SERVICES

RECEIVED
SEP 25 1989
MISSOURI
Public Service Commission

7. SPECIAL ACCESS SERVICE-(Continued)

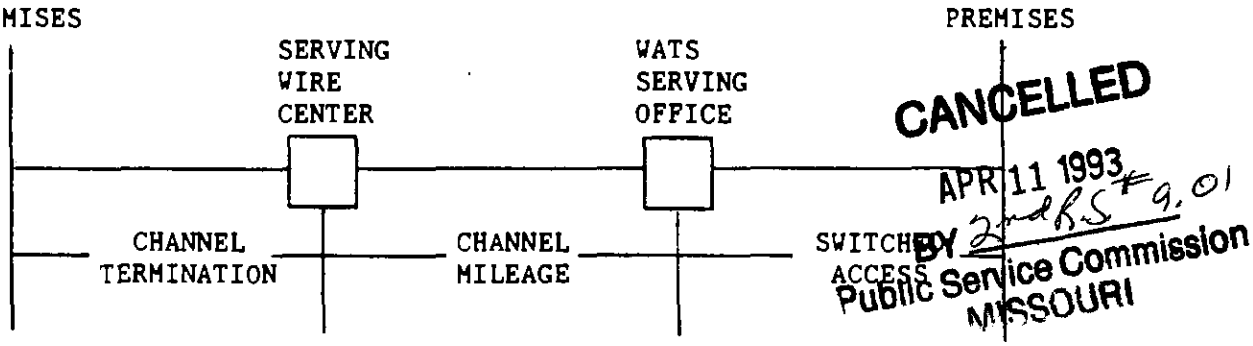
7.1 General-(Continued)

7.1.3 Service Configurations-(Continued)

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.




CANCELLED
APR 11 1993
By 2nd RS # 9.01
Public Service Commission
MISSOURI

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.

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
Original Sheet 9.01

ACCESS SERVICES

CANCELLED
OCT 1 1989
BY P.S.C. Mo. #9.01
Public Service Commission
MISSOURI

RECEIVED
OCT 13 1987
MISSOURI Public Service Commission

7. SPECIAL ACCESS SERVICE-(Continued)

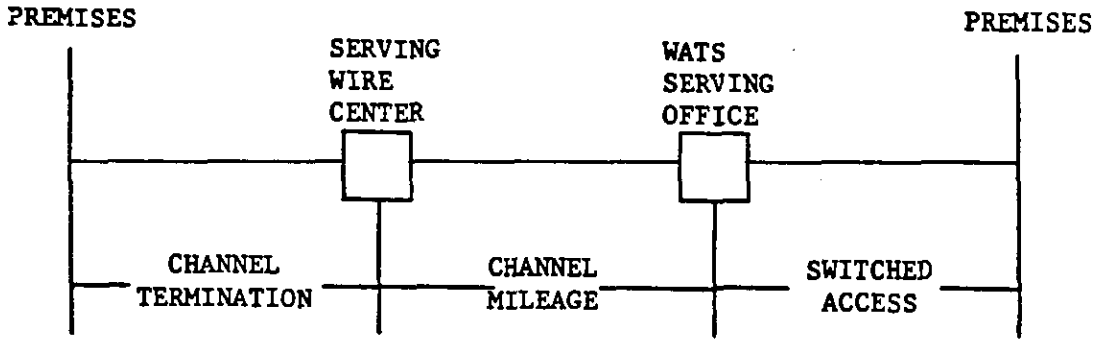
7.1 General-(Continued)

7.1.3 Service Configurations-(Continued)

(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 Commission

Issued: OCT 14 1987

Effective: OCT 16 1987

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

ACCESS SERVICES

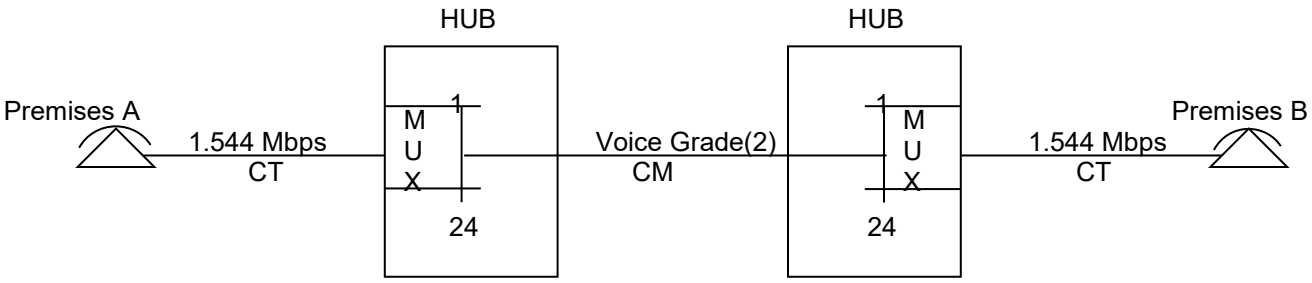
7. SPECIAL ACCESS SERVICE-(Continued)

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. 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
- 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. 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.



CANCELLED - Missouri Public Service Commission - 11/01/2025 - JI-2026-0046
FILED - Missouri Public Service Commission - 05/01/2024 - TN-2024-0278 - JI-2024-0140

ACCESS SERVICES

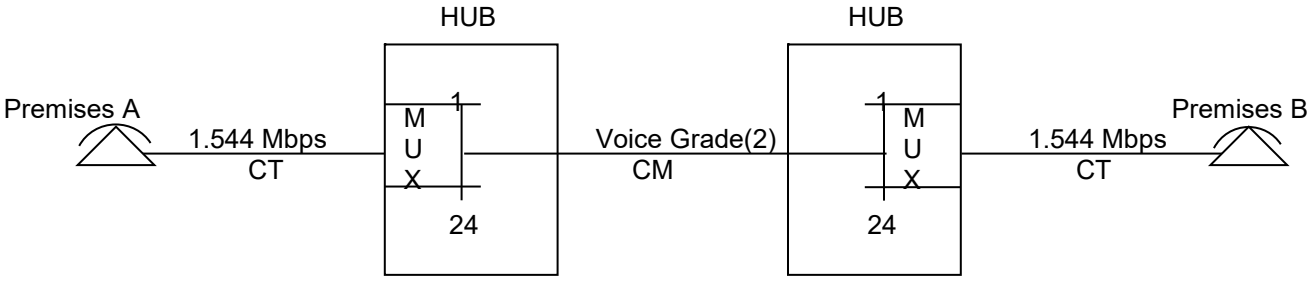
7. SPECIAL ACCESS SERVICE-(Continued)

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. Additional channel mileage was required to co-terminate the services. (CP)



(CP)

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. 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 - 05/01/2024 - TN-2024-0278 - JI-2024-0140

ACCESS SERVICES

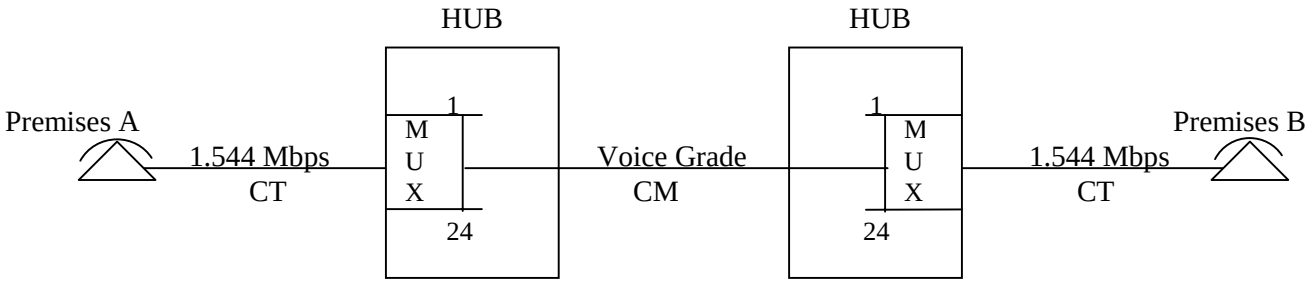
7. SPECIAL ACCESS SERVICE-(Continued)

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



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

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, BSEs and Functions [if any]). (AT)

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:



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

RECEIVED
JUN 27 1986
MISSOURI
Public Service Commission

(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.

CANCELLED
APR 14 1993 #10
BY R.S.
Public Service Commission
MISSOURI

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:

JUL 1 1986
86-84
Public Service Commission

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



RECEIVED
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 TC

CANCELLED
JUL 1 1986
BY R.S.#10
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

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) (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) (AT)

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

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.).



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 11
Replacing 4th Revised Sheet 11

RECEIVED
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.
(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
FEB 10 1997
BY 6th R.S. # 11
Public Service Commission
MISSOURI

FILED
APR 19 1993
MO. PUBLIC SERVICE COMM.

Issued: FEB 09 1993

Effective: APR 19 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

RECEIVED
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)

In addition to the above tests, Additional Cooperative Acceptance Testing
(AT) for Voice Grade Services and Digital to test other parameters, as described
(AT) 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.

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 5 to 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
St. Louis, Missouri

Public Service Commissio

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

RECEIVED
FEB 20 1990
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 (AT) 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 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

Issued: FEB 22 1990 Effective: MAR 26 1990

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

FILED
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 11
Replacing 1st Revised Sheet 11

ACCESS SERVICES

RECEIVED
OCT 13 1987
MISSOURI
Public Service Commission

7. SPECIAL ACCESS SERVICE-(Continued)

7.1 General-(Continued)

7.1.7 Accepting Testing-(Continued)

(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 3rd R.S. #11
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 11
Replacing Original Sheet 11

RECEIVED
JUN 27 1986
MISSOURI
Public Service Commission

(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, 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
OCT 16 1987
BY
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 11

RECEIVED
DEC 2 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

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.

CANCELLED
JUL 1 1986
BY PUBLIC SERVICE COMMISSION OF MISSOURI

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.

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

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)
Telegraph Grade(1) (TG)
Voice Grade(1) (VG)

MegaLink Data(1) (DA)
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.

CANCELLED - Missouri Public Service Commission - 11/01/2025 - JI-2026-0046

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

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)

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

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)

(RT)
(RT)

MegaLink Data (DA)
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.



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

FILED
Missouri Public
Service Commission
JI-2015-0173

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.



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

FILED
Missouri Public
Service Commission
JI-2013-0048

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.



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
MISSOURI
Public Service Commission

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions

(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)
(AT) Business Video (BVS)

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 1997
BY 6 CSR 10-24.020
Public Service Commission
MISSOURI

FILED
APR 19 1993
APR 19 1993 MO. PUBLIC SERVICE COMM.

Issued: FEB 09 1993 Effective: ~~MAR 1 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
4th Revised Sheet 12
Replacing 3rd Revised Sheet 12

RECEIVED
MAR 29 1993
MISSOURI
Public Service Commission

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)
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.

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)
(AT) DovLink (DOV)

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

Issued: OCT - 5 1992 Effective: DEC - 4 1992 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

RECEIVED
SEP 25 1989
MISSOURI
Public Service Commission

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions

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

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

(RT)

Wideband Analog (WA)
Wideband Data (WD)

(CT)

MegaLink Data (DA)
High Capacity (HC)

CANCELLED
DEC 4 1992
BY 3rd 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.

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
1st Revised Sheet 12
Replacing Original Sheet 12

RECEIVED
JUN 27 1986
MISSOURI
Public Service Commission

(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)

CANCELLED
OCT 1 1989
BY 2nd 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.

FILED
JUL 1 1986
86-84
Public Service Commission

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

Access Services Tariff
Section 7
Original Sheet 12

RECEIVED
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)

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

e. Available Facility Interface Combinations

| IC | End User |
|---|---|
| 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)

CANCELLED
JUL 1 1986
BY 1st 2.S.12
PUBLIC SERVICE COMMISSION
OF MISSOURI

FILED
JAN - 1 1984
Public Service Commission
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
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 symetrical or asymetrical . 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.

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

RECEIVED
SEP 25 1989
MISSOURI
Public Service Commission

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

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 symetrical or asymetrical. On a multipoint service they may also be symetrical or asymetrical. However, communications can only be provided between points of termination with compatible channel interfaces.
(RT) Only certain channel interfaces are compatible.
(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 #13
BY 4th R.S.
Public Service Commission
MISSOURI
FILED

Issued: SEP 25 1989

Effective: OCT 1 1989

Public Service Commission
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 13
Replacing 1st Revised Sheet 13

RECEIVED
OCT 13 1987
MISSOURI
Public Service Commission

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

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 (AT) 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 symetrical or asymetrical. On a multipoint service they may also be symetrical or asymetrical. 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.

CANCELLED
OCT 1 1989
BY 3rd R.S. #13
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 13
Replacing Original Sheet 13

RECEIVED
JUN 27 1986
MISSOURI
Public Service Commission

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

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. 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 symetrical or asymetrical. On a multipoint service they may also be symetrical or asymetrical. 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
Public Service Commission
MISSOURI

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.

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

RECEIVED
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

| IC | End User | IC | End User |
|---|---|---|---|
| 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 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.

---

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)

7.2 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 |
| Telegraph Grade(1) | TR-NPL-000336 |
| Voice Grade(1) | TR-TSY-000335 |
| MegaLink Data(1) | TR-NPL-000341 |
| High Capacity | PUB 62310<br>PUB 76625<br>PUB 62411<br>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.

CANCELLED - Missouri Public Service Commission - 11/01/2025 - JI-2026-0046

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

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)

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

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 |

(RT)



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

FILED
Missouri Public
Service Commission
JI-2013-0048

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)



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

RECEIVED
FEB 9 1993
MISSOURI
Public Service Commission

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 |
| (AT) Business Video | TP-76644 |

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

FILED
APR 19 1993
APR 19 1993
MO. PUBLIC SERVICE COMM.

Issued: FEB 09 1993 Effective: ~~JAN 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
6th Revised Sheet 14
Replacing 5th Revised Sheet 14

ACCESS SERVICES

OCT [illegible]

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 |
| (AT) | DovLink | TP-76620 |

CANCELLED
APR 19 1993
BY Mo.P.S.C. #14
Public Service Commission
MISSOURI

DEC 4 1992
Mo. PUB [illegible]

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

RECEIVED
AUG 9 1991
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:

(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 6th R.S. #4
Public Service Commission
MISSOURI

Issued: AUG 09 1991

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

FILED
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
4th Revised Sheet 14
Replacing 3rd Revised Sheet 14

ACCESS SERVICES

RECEIVED
FEB 20 1990
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 |
| (CT) | Voice Grade | NPL | 000334 (WALs) |
| (CT) | | 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

Effective: MAR 26 1990

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

FILED
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

RECEIVED
SEP 25 1989
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 | 62500 (WALs) |
| | | 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 CSR 114
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 14
Replacing 1st Revised Sheet 14

RECEIVED
OCT 13 1987
MISSOURI
Public Service Commission

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 | PUB 62502 |
| | Telegraph Grade | PUB 62502 |
| (AT) | 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 |

CANCELLED
OCT 1 1989
BY 3rd R.S. #14
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 14
Replacing Original Sheet 14

RECEIVED
JUN 27 1986
MISSOURI
Public Service Commission

(CP)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 | 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 |

CANCELLED
OCT 16 1987
BY 2nd RS #14
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.



RECEIVED
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)

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.

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

d. Transmission Performance

- Telegraph Distortion

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

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

(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 were bridging functions are performed. Interoffice metallic facilities will be limited in length to a total of five miles per channel.

B. Technical Specifications Packages

| | Package MT- | | | |
|---|---|---|---|---|
| Parameter | C | 1 | 2 | 3 |
| 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)

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

(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 were bridging functions are performed. Interoffice metallic facilities will be limited in length to a total of five miles per channel.

B. Technical Specifications Packages

| | Package MT- | | | |
|---|---|---|---|---|
| Parameter | C | 1 | 2 | 3 |
| 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.



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

RECEIVED
AUG 1 [illegible]
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)

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 |
| (CT) | 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 |
| (RT) | | | 4AH6-D(3) | 2TT2-2 |
| (CT) | 2DB2-43(1) | 4TT2-6 | 4AH6-D(3) | 4TT2-2 |
| (RT) | | | 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 | | |
| (AT) | 2TT2-6 | 2TT2-6 | | |
| | 2DB2-10 | 2TT2-6 | | |
| (AT) | 4DB2-10 | 2TT2-6 | | |

CANCELLED
JUL 1 1986
BY 2nd 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.

FILED
OCT 15 1984
Public Service Commission

RECEIVED
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)

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 |
| 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 | | |

CANCELLED
OCT 15 1984
1st RS 15
BY 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

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.

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.

| | Available with Technical Specifications Package MT- | | | |
|---|---|---|---|---|
| | C | 1 | 2 | 3 |
| 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)

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

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.

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



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
2nd Revised Sheet 16
Replacing 1st Revised Sheet 16

ACCESS SERVICES

RECEIVED
SEP 25 1989
MISSOURI
Public Service Commission

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.1 Metallic Service-(Continued)

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 | |

CANCELLED
APR 11 1993
BY 3rd R.S. #16
Public Service Commission
MISSOURI

FILED

Issued: SEP 25 1989

Effective: OCT 1 1989

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.



RECEIVED
JUN 27 1986
MISSOURI
Public Service Commission

(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.

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

CANCELLED
OCT 1 1989
BY Ltr R.S. #16
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 16

RECEIVED
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)

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 Distortión

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

CANCELLED
JUL 1 1986
BY 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

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- | | |
|---|---|---|---|
| Parameter | 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 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- | | |
|---|---|---|---|
| | C | 1 | 2 |
| 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)

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

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

| | Package TG- | | |
|---|---|---|---|
| Parameter | 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 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.

| | Available with Technical Specifications Package TG- | | |
|---|---|---|---|
| | C | 1 | 2 |
| Telegraph Bridging | X | X | X |



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
2nd Revised Sheet 17
Replacing 1st Revised Sheet 17

ACCESS SERVICES

RECEIVED
SEP 25 1989
MISSOURI
Public Service Commission

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

CANCELLED
APR 11 1993
BY 3rd R.S. #17
Public Service Commission
MISSOURI

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

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 |

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

RECEIVED
JUN 27 1986
MISSOURI
Public Service Commission

(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

| | Package TG- | | |
|---|---|---|---|
| Parameter | 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 7.3.5.B., following.

CANCELLED
OCT 1 1989
BY P.S.C. #12
Public Service Commission
MISSOURI

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 |

FILED
JUL 1 1986
86-84
Public Service Commission

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

Access Services Tariff
Section 7
Original Sheet 17

RECEIVED
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)

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

CANCELLED
JUL 1 1986
PUBLIC SERVICE COMMISSION
of Missouri

FILED
JAN - 1 1984
83-253
Public Service Commission

(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.

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)

7.2 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

| | Package VG- | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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+ |
| 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 | 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. (AT)



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

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, between
(AT) a customer designated premises and a Telephone Company Hub, or between
(AT) 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+ |
| | 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 | 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.



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 18
Replacing Original Sheet 18

(CP)ACCESS SERVICES

RECEIVED
JUN 27 1986
MISSOURI
Public Service Commission

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

| | Package VG- | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Parameter | 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 | | | | | | 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 |

CANCELLED
OCT 16 1987
BY 2nd R.S. #18
Public Service Commission
MISSOURI

FILED
JUL 1 1986
86-84
Public Service Commission

(1) The desired parameters are selected by the customer from the list of available 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
Original Sheet 18

RECEIVED
DEC 2 0 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)

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.

CANCELLED
JUL 1 1986
BY R.S.#18
PUBLIC SERVICE COMMISSION
OF MISSOURI

FILED
JAN - 1 198
83-253
Public Service Co

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)

7.2 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)

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)

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,
(AT) LR, LS, RV and SF (1).

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)
|
|
|
(MT)

(AT) (1) This feature is obsolete, and limited to existing installations at
(AT) existing locations for existing customers as of October 6, 1995.

Issued: September 6, 1995 Effective: October 6, 1995

By HORACE WILKINS, JR., President-Missouri
Southwestern Bell Telephone
St. Louis, Missouri

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

ACCESS SERVICES

RECEIVED
MAR 29 1993
MISSOURI
Public Service Commission

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.

CANCELLED
OCT - 6 1995
BY 6th R.S. #19
Public Service Commission
MISSOURI

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

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

(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

ACCESS SERVICES

RECEIVED
FEB 20 1990
MISSOURI
Public Service Commission

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 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
(AT) separate Hubs.

(FC) E. Optional Features and Functions

CANCELLED
APR 11 1993
BY 5th R.S. # 19
Public Service Commission
MISSOURI

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

---

Issued: FEB 22 1990 Effective: MAR 26 1990

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

FILED
MAR 26 1990
Public Service Commission

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

Access Services Tariff
Section 7
3rd Revised Sheet 19
Replacing 2nd Revised Sheet 19

ACCESS SERVICES

RECEIVED
SEP 25 1989
MISSOURI
Public Service Commission

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.

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.

(CT) Compatible channel interfaces and available WAL 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. 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

CANCELLED
MAR 26 1990
BY 4th RS #19
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 19
Replacing 1st Revised Sheet 19

ACCESS SERVICES

RECEIVED
OCT 13 1987
MISSOURI
Public Service Commission

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 dropouts, gain hits and phase hits) are delineated in Technical Reference
(AT) 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.

(AT) Combination of channel interfaces DS, GS, and LS for WALs require signal-
(AT) ing as defined in Section 6.2.5.

(AT) Compatible channel interfaces and available WAL channel interfaces are
(AT) set forth in Paragraph 7.3.5, C., following.

CANCELLED
OCT 1 1989
By 2nd R.S. #19
Public Service Commission
MISSOURI

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

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 19
Replacing Original Sheet 19

(CP)ACCESS SERVICES

RECEIVED
JUN 27 1986
MISSOURI
Public Service Commission

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 dropouts, 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

CANCELLED
OCT 16 1987
BY 2nd R.S. #19
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 19

RECEIVED
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)

1. Voice Grade 1 (VG1) Special Access Service-(Continued)

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:

CANCELLED
JUL 1 1986
BY mh R.S. # 19
PUBLIC SERVICE COMMISSION
OF MISSOURI

FILED
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.

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) (AT)

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

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)

(MT) 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

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.



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 20
Replacing 2nd Revised Sheet 20

ACCESS SERVICES

RECEIVED
MAR 29 1993
MISSOURI
Public Service Commission

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.

CANCELLED
OCT - 6 1995
BY 4th R.S. # 20
Public Service Commission
MISSOURI

FILED
APR 11 1993
92 L 1 3 0 4
MO. PUBLIC SERVICE COMM.

Issued: MAR 2 6 1993

Effective: APR 1 1 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
2nd Revised Sheet 20
Replacing 1st Revised Sheet 20

ACCESS SERVICES

RECEIVED
FEB 20 1990
MISSOURI
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)

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.

CANCELLED
APR 11 1993
BY 3rd R.S. # 20
Public Service Commission
MISSOURI

Issued: FEB 22 1990

Effective: MAR 26 1990

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

FILED
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 20
Replacing Original Sheet 20

RECEIVED
JUN 27 1986
MISSOURI
Public Service Commission

(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)

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.

CANCELLED
MAR 26 1990
BY Gas R.S. #20
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.



RECEIVED
DEC 2[illegible] 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)

1. Voice Grade 1 (VG1) Special Access Service-(Continued)

d. Transmission Performance-(Continued)

- Echo Control-(Continued)

| | Echo Return Loss | Singing Return Loss |
|---|---|---|
| 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).

| | Echo Return Loss | Singing Return Loss |
|---|---|---|
| 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 |

CANCELLED
JUL 1 1986
BY 124 R.S. #20
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

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

| 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.
(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)

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

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.



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
2nd Revised Sheet 21
Replacing 1st Revised Sheet 21

ACCESS SERVICES

RECEIVED
FEB 20 1990
MISSOURI
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 |

CANCELLED
APR 11 1993
BY 3rd R.S. #21
Public Service Commission
MISSOURI

(AT) (1) This feature is obsolete, and limited to existing installations at existing
(AT) locations, for existing customers.

Issued: FEB 22 1990 Effective: MAR 26 1990

FILED
MAR 26 1990
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 21
Replacing Original Sheet 21

RECEIVED
JUN 27 1986
MISSOURI
Public Service Commission

(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

| 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 |

CANCELLED
MAR 26 1990
BY P.S.C. #21
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

RECEIVED
DEC 2 9 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)

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 | 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 ±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 7.2.1, B.14., following.

CANCELLED
JUL 1 1986
Tariff R.S. #21
BY PUBLIC SERVICE COMMISSION

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.

RECEIVED
JAN - 1 1984
83-253

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)

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

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.



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

RECEIVED
FEB 20 1990
MISSOURI
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 Attentuation 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
(AT) 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.

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
(AT) References set forth at the end of Paragraph 7.2.

CANCELLED
APR 11 1993 # 22
BY 5th R. S.
Public Service Commission
MISSOURI

Issued: FEB 2 2 1990

Effective: MAR 2 6 1990

FILED
MAR 26 1990
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
3rd Revised Sheet 22
Replacing 2nd Revised Sheet 22

RECEIVED
OCT 13 1987
MISSOURI
Public Service Commission

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.

(AT) 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. (AT)

CANCELLED
MAR 26 1990
BY 4th R S #22
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
2nd Revised Sheet 22
Replacing 1st Revised Sheet 22

RECEIVED
JUN 27 1986
MISSOURI
Public Service Commission

(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.

CANCELLED
OCT 16 1987
BY 3rd R.S. #22
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 22
Replacing Original Sheet 22

RECEIVED
AUG 1 [illegible]
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)

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
(AT) - Paging Circuit
- Foreign Exchange Line (Closed End)
- Centrex Station Line - Off-Premises
- Off-Premises Extension
- Off-Premises PBX Station Line

CANCELLED
JUL 1 1986
BY gnd R-5-22
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 22

RECEIVED
DEC 29 1983
Public Service Commission

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

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

7.2.1 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

CANCELLED
OCT 15 1984
BY 1 at RS 22
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

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. (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

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

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 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.

RECEIVED
FEB 20 1990
MISSOURI
Public Service Commission

CANCELLED
APR 11 1993
BY 4th R.S. 23
Public Service Commission
MISSOURI

Issued: FEB 22 1990

Effective: MAR 26 1990

FILED
MAR 26 1990
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 23
Replacing 1st Revised Sheet 23

RECEIVED
JUN 27 1986
MISSOURI
Public Service Commission

(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.

CANCELLED
MAR 26 1990
BY 3rd RS #23
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

RECEIVED
AUG 1 [illegible]
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)

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. (RT)
- 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 | 31 | 38 |
| 51 - 100 | 33 | 39 |
| 101 - 200 | 35 | 41 |
| 201 - 400 | 37 | 43 |
| 401 - 1000 | 39 | 45 |

CANCELLED
JUL 1 1986
BY R.S. 23
PUBLIC SERVICE COMMISSION
OF MISSOURI

- 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:

(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.

FILED
OCT 15 1984
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)

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:

(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.

RECEIVED
DEC 29 1983
MISSOURI
Public Service Commission

CANCELLED
OCT 15 1984
pt RS 23
BY PUBLIC SERVICE COMMISSION OF MISSOURI

RECEIVED
JAN 11 1984
Public Service Commission
83-253

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 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

(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

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



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
2nd Revised Sheet 24
Replacing 1st Revised Sheet 24

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

RECEIVED
FEB 20 1990
MISSOURI
Public Service Commission

7.2 Service Descriptions-(Continued)

7.2.3 Voice Grade Service-(Continued)

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

(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
(CT) 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
(CT) 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 ration 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

CANCELLED
APR 11 1993
BY 3rd R.S. #24
Public Service Commission
MISSOURI
FILED
MAR 26 1990
Public Service Commission

Issued: FEB 22 1990

Effective: MAR 26 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
1st Revised Sheet 24
Replacing Original Sheet 24

RECEIVED
JUN 27 1986
MISSOURI
Public Service Commission

(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

CANCELLED
MAR 26 1990
BY 2nd R.S.#24
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 24

RECEIVED
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)

2. Voice Grade 2 (VG2) Special Access Service-(Continued)

d. Transmission Peformance-(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.)

| | Echo Return Loss | Singing Return Loss |
|---|---|---|
| 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

CANCELLED
JUL 1 1986
BY P.S.C. MO. No. 24
PUBLIC SERVICE COMMISSION OF MISSOURI

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

| | Echo Return Loss | Singing Return Loss |
|---|---|---|
| Two-wire Interface (Return Loss) | 24 dB | 18 dB |
| Four-wire Interface (Equal Level Echo Path Loss) | 20 dB | 14 dB |

FILED
JAN - 1 1984
83-253
Public 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-(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. (AT) (AT)

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

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.



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 25
Replacing 2nd Revised Sheet 25

ACCESS SERVICES

RECEIVED
FEB 20 1990
MISSOURI
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)

(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
(CT) Control specifications are delineated in Technical References set forth
(CT) at the end of Paragraph 7.2.

(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
(AT) end of Paragraph 7.2.

CANCELLED
APR 11 1993
BY 4th R.S. #25
Public Service Commission
MISSOURI

Issued: FEB 22 1990

Effective: MAR 26 1990

FILED
MAR 26 1990
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 25
Replacing 1st Revised Sheet 25

ACCESS SERVICES

RECEIVED
OCT 13 1987
MISSOURI
Public Service Commission

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.

(AT) 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
(AT) 62500 for WALs.

CANCELLED
MAR 26 1990
BY 3rd R S-7125
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 25
Replacing ~~Original Sheet 25~~

RECEIVED
JUN 27 1986
MISSOURI
Public Service Commission

(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.

CANCELLED
OCT 16 1987
BY 2nd RS #25
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 25

RECEIVED
DEC 29 1983
Public Service Commission

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

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

7.2.1 Analog Services-(Continued)

B. Voice Grade Services-(Continued)

2. Voice Grade 2 (VG2) Special Access Service-(Continued)

d. Transmission Peformance-(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.

CANCELLED
JUL 1 1986
BY 1st R.S.25
PUBLIC SERVICE COMMISSION
OF MISSOURI

CANCELLED
JAN - 1 19
83-253
Public 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-(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- | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | C | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | W |
| C-Type Conditioning (1) | X | | | | | X | X | X | X | X | X | | | |
| Central Office Bridging Capabilit | 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. (AT) (AT)

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

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- | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | C | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | W |
| C-Type Conditioning (1) | X | | | | | X | X | X | X | X | X | | | |
| Central Office Bridging Capabilit | 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.



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

ACCESS SERVICES

RECEIVED
FEB 20 1990
MISSOURI
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)

(FC) 10. Signaling Capability

Signaling capability provides for the process by which one customer premises alerts another customer premises on the same vice with which it wishes to communicate.

CANCELLED
APR 11 1993
BY 4th R.S. #26
Public Service Commission
MISSOURI

(FC) 11. Selective Signaling Arrangement

An arrangement that permits code selective ringing for up 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 | V |
| (AT) | C-Type Conditioning (1) | X | | | | | X | X | X | X | X | X | | | |
| | Central Office Bridging Capabilit | X | | X | | | X | X | | | | X | X | X | |
| | Central Office Multiplexing | 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
(AT) locations, for existing customers.

Issued: FEB 2 2 1990

Effective: MAR 2 6 1990

FILED
MAR 26 1990
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 26
Replacing 1st Revised Sheet 26

ACCESS SERVICES

RECEIVED
OCT 13 1987
MISSOURI
Public Service Commission

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, 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) | C | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | W |
| 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 | | | | | | | |

CANCELLED
MAR 26 1990
BY 3rd R.S. #26
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

RECEIVED
JUN 27 1986
MISSOURI
Public Service Commission

(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, if required, is not included as part of the option.

CANCELLED
OCT 16 1987
By 2nd BS #26
Public Service Commission
MISSOURI

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 |
| 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 | | | | | | |

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.



RECEIVED
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)

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

CANCELLED
JUL 1 1986
BY 1st R.S. #26
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. EARRON, 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)

| | Available with Technical Specifications Package VG- | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | C | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | W |
| 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+ |
| Improved Termination at four-wire point of termination | 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 | X | X | 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 | | | | * |
| Improved Envelope Delay Distortion(IEDD) | X | | | | | | X | X | X | X | X | X | | |
| Transfer Arrangement | X | X | X | X | X | X | X | X | X | X | X | X | X | |

(CP)

* 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)



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

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- | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | C | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | W |
| 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 | |
| Improved Return Loss at two-wire point of termination | X | | X | X | | | | X | | | | | | |
| Improved ELEPL | X | X | 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 | | | | * |
| Improved Envelope Delay Distortion(IEDD) | X | | | | | | X | X | X | X | X | X | | |
| Transfer Arrangement | 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.



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 27
Replacing 3rd Revised Sheet 27

RECEIVED
FEB 20 1990
MISSOURI
Public Service Commission

ACCESS SERVICES

SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.3 Voice Grade Service-(Continued)

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

| | | Available with Technical Specifications Package VG- | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | C | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | W |
| (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 VAL 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 | X | X | X | X | | X | | X | | | | | | |
| | Sealing Current Conditioning | X | X | | | | X | X | | | | X | | X | |
| | Selective Signaling Arrangement | X | | X | | | | | | | | | | | |
| (AT) | Signaling Capability | X | X | X | X | | | | X | X | X | | | | * |
| | Improved Envelope Delay Distortion(IEDD) | X | | | | | X | X | X | X | X | X | | | |
| | Transfer Arrangement | X | X | X | X | X | X | X | X | X | X | X | X | X | |

(MT)

* Signaling is provided in conjunction with Switched Access Service.
\+ When VAL extensions are provided, Echo Control limits are not applicable.

CANCELLED
APR 11 1993
BY 5th R.S. 27
Public Service Commission
MISSOURI

Issued: FEB 22 1990

Effective: MAR 26 1990

FILED
MAR 26 1990
Public Service Commission

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

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)

RECEIVED
OCT 13 1987
MISSOURI
Public Service Commission

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 | | | | X | | | |
| (AT) | Improved Attenuation Distortion | | | | | | | | | | | | | | X |
| (AT) | 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 | | | | * |
| (RT) | Transfer Arrangement | X | X | X | X | X | X | X | X | X | X | X | X | X | |

CANCELLED
MAR 26 1990
BY 4a 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.

FILED
OCT 16 1987
TO-87-42
Public Service Commission

(AT) * Signaling is provided in conjunction with Switched Access Service.
(AT) + When WAL extensions are provided, Echo Control limits are not applicable.

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

Access Services Tariff
Section 7
2nd Revised Sheet 27
Replacing 1st Revised Sheet 27

RECEIVED
JUN 27 1986
MISSOURI
Public Service Commission

(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- | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | C | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 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 |
| 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 |

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.

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 27
Replacing Original Sheet 27

ACCESS SERVICES

RECEIVED
AUG 14 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)

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. (RT)
- 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 |

CANCELLED
JUL 1 1986
BY PUBLIC SERVICE COMMISSION
R 5.27
OF MISSOURI

- 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:

(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.

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 27

RECEIVED
DEC 29 1983
Public Service Commission

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

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

7.2.1 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.

CANCELLED
OCT 15 1984
BY 1st RS 27
PUBLIC SERVICE COMMISSION
OF MISSOURI

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:

FILED
JAN 1 1984
Public Service Commission
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.

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)

7.2 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

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.



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
2nd Revised Sheet 28
Replacing 1st Revised Sheet 28

ACCESS SERVICES

RECEIVED
SEP 25 1989
MISSOURI
Public Service Commission

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

(RT)

CANCELLED
MAR 26 1990
BY 3rd R.S. #28
Public Service Commission
MISSOURI

(RT)

FILED

Issued: SEP 25 1989

Effective: OCT 1 1989

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
1st Revised Sheet 28
Replacing ~~Original Sheet 28~~

RECEIVED
JUN 27 1986
MISSOURI
Public Service Commission

(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.

CANCELLED
OCT 1 1989
By mo R.S. #28
Public Service Commission
MISSOURI

B. Technical Specifications Packages

| | Package AP- | | | | |
|---|---|---|---|---|---|
| Parameter | C(1) | 1 | 2 | 3 | |
| 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 |

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:

FILED
JUL 1 1986
86-84
Public Service Commission

(1) The desired parameters are selected by the customer from the list of available 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
Original Sheet 28

RECEIVED
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)

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.)

| | Echo Return Loss | Singing Return Loss |
|---|---|---|
| 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).

| | Echo Return Loss | Singing Return Loss |
|---|---|---|
| Two-Wire Interface (Return Loss) | 24 dB | 18 dB |
| Four-Wire Interface (Equal Level Echo Path Loss) | 20 dB | 14 dB |

CANCELLED
JUL 1 1986
By 1st R.S. 28
PUBLIC SERVICE COMMISSION OF MISSOURI

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

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

(RT)

(RT)

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 29
Replacing Original Sheet 29

RECEIVED
JUN 27 1986
MISSOURI
Public Service Commission

(CP)ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

7.2.4 Program Audio Service-(Continued)

C. Channel Interfaces-(Continued)

| CI | Bandwidth |
|---|---|
| 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

CANCELLED
OCT 1 1989
BY 2M RS #29
Public Service Commission
MISSOURI

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.

| | Available with Technical Specifications Package AP- | | | | |
|---|---|---|---|---|---|
| | C | 1 | 2 | 3 | 4 |
| Central Office Bridging Capability | X | X | X | X | X |
| Gain Conditioning | X | X | X | X | X |
| Stereo | X | | | | X |

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.



RECEIVED
DEC 29 1983
Public Service Commission

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

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

7.2.1 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.

- Attentuation 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.

CANCELLED
JUL 1 1986
BY 1st R.S. 79
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

ACCESS SERVICES

7. SPECIAL ACCESS SERVICE-(Continued)

7.2 Service Descriptions-(Continued)

(RT)

(RT)

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

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

| | Package WA- | | | | |
|---|---|---|---|---|---|
| Parameter | 1 | 2 | 2A | 3 | 4 |
| 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 | | |

The technical specifications are delineated in Technical References
(CT) listed in Paragraph 7.2, preceding.



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 30
Replacing Original Sheet 30

RECEIVED
JUN 27 1986
MISSOURI
Public Service Commission

(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

| | Package WA- | | | | |
|---|---|---|---|---|---|
| Parameter | 1 | 2 | 2A | 3 | 4 |
| 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 | | |

CANCELLED
SEP 30 1991
BY 2nd R.S. #30
Public Service Commission
MISSOURI

The technical specifications are delineated in Technical Reference PUB 62505 and associated Addendum.

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 30

ACCESS SERVICES

RECEIVED
DEC 29 1983
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)

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.

CANCELLED
JUL 1 1986
BY 1 2 R S. 30
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