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| <u>TARIFF SECTION</u> | <u>PAGE NUMBER</u> | <u>PAGE REVISION</u> |
|------------------------------|---------------------------|-----------------------------|
| E007 | 1 | 0013 |
| E007 | 6 | 0004 |
| E007 | 8 | 0009 |
| E007 | 15 | 0003 |
| E007 | 16 | 0003 |
| E007 | 21.1 | 0004 |
| E007 | 49.1 | 0014 |
| E007 | 54 | 0005 |
| E007 | 61 | 0005 |
| E007 | 70 | 0009 |

BELLSOUTH
TELECOMMUNICATIONS
KENTUCKY
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BY: Hood Harris, President
Louisville, Kentucky

ACCESS SERVICES TARIFF

PSC KY. TARIFF 2E
Thirteenth Revised Page 1
Cancels Twelfth Revised Page 1
EFFECTIVE: December 1, 2020

E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE

E7.1 General

Special Access (a.k.a. BellSouth SPA) service provides a transmission path to connect customer designated premises¹, either directly or through a Company hub where bridging or channelization functions are performed. Special Access (a.k.a. BellSouth SPA) service² includes all exchange access not utilizing Company end office switches.

The connections provided by Special Access (a.k.a. BellSouth SPA) service can be either analog or digital. Analog connections are differentiated by spectrum and bandwidth. Digital connections are differentiated by bit rate.

E7.1.1 Channel Types

- A. There are nine types of channels used to provide Special Access (a.k.a. BellSouth SPA) 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
- B. 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.
- C. For purposes of ordering channels, each has been identified as a type of Special Access (a.k.a. BellSouth SPA) 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 Metallic (a.k.a. BellSouth SPA Metallic) service in this Tariff, there is no restriction against doing so.
- D. Following is a brief description of each type of channel:
 1. Metallic (a.k.a. BellSouth SPA Metallic) - a channel for the transmission of low speed varying signals at rates up to 30 baud.
 2. Telegraph (a.k.a. BellSouth SPA Telegraph) Grade - a channel for the transmission of binary signals at rates of 0 to 75 baud or 0 to 150 baud.
 3. Voice Grade (a.k.a. BellSouth SPA DS0 VG) - a channel for the transmission of analog signals within an approximate bandwidth of 300-3000 Hz.
 4. WATS Access Line (a.k.a. BellSouth SPA WATS Line) (WAL) - a channel from a customer designated premises to a WATS serving office for 800, WATS or similar service.
 5. Wired Music³ - a channel for the transmission of audio signals. The nominal frequency bandwidths are from 200 to 3500 Hz, from 100 to 5000 Hz or from 50 to 8000 Hz. (N)
 6. **(DELETED)**
 7. Digital Data Access (a.k.a. BellSouth SPA DS0 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.
 8. High Capacity (a.k.a. BellSouth SPA High Capacity) - a channel for the transmission of isochronous serial digital data at rates of 1.544, 3.152, 6.312, or 44.736 Mbps.
 9. Derived Data Channel (a.k.a. BellSouth SPA Derived Data Channel) - a digital data channel derived from a two-wire local exchange facility that transmits voice and data signals simultaneously.

Note 1: Company-provided Centrex Type Services systems and Company Answering Service Concentrators are considered to be customer premises for purposes of administering regulations and rates contained in this Tariff.

Note 2: For purposes of administering the surcharge regulations, WATS access lines (a.k.a. BellSouth SPA WATS Line) are considered to be Special Access (a.k.a. BellSouth SPA) service.

Note 3: Effective December 1, 2020, this Service will no longer be available for purchase by new or existing customers, and service agreements may no longer be renewed. In addition, requests to move, add, or change 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 month-to-month rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after December 1, 2021. (N)

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ACCESS SERVICES TARIFF

PSC KY. TARIFF 2E
Fourth Revised Page 6
Cancels Third Revised Page 6
EFFECTIVE: December 1, 2020

E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE

E7.1 General (Cont'd)

E7.1.4 Alternate Use

Alternate Use occurs when a service is arranged by the 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 alternative use, the 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 and filed in Section E12., Specialized Service or Arrangements. The customer will pay the stated tariff rates for the Access Service rate elements for the service ordered (i.e., Local Channels, Interoffice Channels as applicable, and Optional Features and Functions, if any.)

E7.1.5 Special Facilities Routing

A customer may request that the facilities used to provide Special Access (a.k.a. BellSouth SPA) 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 E11. following.

E7.1.6 Design Layout Report

At the request of the customer, the Company will provide to the customer the make-up of the facilities and services provided under this Tariff as Special Access (a.k.a. BellSouth SPA) 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.

E7.1.7 Acceptance Testing

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

- A. For Voice Grade (a.k.a. BellSouth SPA DS0 VG) services, acceptance tests will include tests for loss, 3-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 (a.k.a. BellSouth SPA DS0 VG) services, a balance (improved loss) test will be made if the customer has ordered the improved loss optional feature.
- B. For other analog services (i.e., Metallic (a.k.a. BellSouth SPA Metallic), Telegraph (a.k.a. BellSouth SPA Telegraph) and Wired Music⁽¹⁾) and for digital services (i.e., Digital Data Access (a.k.a. BellSouth SPA DS0 Digital Data) and High Capacity (a.k.a. BellSouth SPA High Capacity)), acceptance tests will include tests for the parameters applicable to the service as specified in the order for service.

In addition to the above tests, Additional Cooperative Acceptance Testing for Voice Grade (a.k.a. BellSouth SPA DS0 VG) service to test other parameters, as described in E13.3.5.B. following, is available at the customer's request. All test results will be made available to the customer upon request.

(N)

E7.1.8 Ordering Options And Conditions

- A. There are two ordering options available to the customer in the provision of Special Access (a.k.a. BellSouth SPA) service. These are:
 - 1. Access Order
- B. These options are set forth in detail in Section E5. preceding. Also included in that section are other charges which may be associated with ordering Special Access (a.k.a. BellSouth SPA) service (e.g., Service Date Change Charges, Cancellation Charges, etc.).

⁽¹⁾ Effective December 1, 2020, this Service will no longer be available for purchase by new or existing customers, and service agreements may no longer be renewed. In addition, requests to move, add, or change 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 month-to-month rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after December 1, 2021.

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ACCESS SERVICES TARIFF

PSC KY. TARIFF 2E
Ninth Revised Page 8
Cancels Eighth Revised Page 8
EFFECTIVE: December 1, 2020

E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE**E7.2 Service Descriptions (Cont'd)**

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 (a.k.a. BellSouth SPA Metallic) | TR-NPL-000336 | |
| Telegraph Grade (a.k.a. BellSouth SPA Telegraph) | TR-NPL-000336 | |
| Voice Grade (a.k.a. BellSouth SPA DSO VG) | TR-NPL-000335 | |
| | PUB 41004, Table 4 | |
| Wired Music ⁽¹⁾ | TR-NPL-000337 | (N) |
| (DELETED) | | |
| Digital Data Access (a.k.a. BellSouth SPA DSO Digital Data) | TR-NPL-000341 | |
| For 2.4, 4.8, 9.6 and 56.0 | BellCore PUB 62310 | |
| Kbps | | |
| For 19.2 Kbps | INC. BULLETIN | |
| For 64.0 Kbps | CB-INC-100 | |
| High Capacity (a.k.a. BellSouth SPA High Capacity) | AT&T PUB 62310 | |
| WATS Access Line (a.k.a. BellSouth SPA WATS Line) | TA-TSY- 000342 | |
| Derived Data Channel (a.k.a. BellSouth SPA Derived Data Channel) service | TR-NPL-000054 | |
| | TR-NPL-000334 | |
| | BellSouth TR-73548 | |
| | BellSouth TR-73548, Addendum 1 | |

E7.2.1 Metallic (a.k.a. BellSouth SPA Metallic) Service**A. Basic Channel Description**

A Metallic (a.k.a. BellSouth SPA 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 (a.k.a. BellSouth SPA Metallic) channels are provided between customer designated premises or between a customer designated premises and a Company Hub where bridging functions are performed. Interoffice metallic facilities will be limited in length to a total of five miles per channel. Metallic (a.k.a. BellSouth SPA Metallic) facilities will only be provided where available.

B. Technical Specifications Packages

| Parameter | Package MT- | | |
|----------------------------------|-------------|---|---|
| | 1 | 2 | 3 |
| DC Resistance Between Conductors | X | X | |
| Loop Resistance | | | X |
| Shunt Capacitance | | | X |

The technical specifications are delineated in Technical Reference TR-NPL-000336.

C. Channel Interfaces

Compatible channel interfaces are set forth in Technical Reference TR-NPL-000336.

⁽¹⁾ Effective December 1, 2020, this Service will no longer be available for purchase by new or existing customers, and service agreements may no longer be renewed. In addition, requests to move, add, or change 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 month-to-month rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after December 1, 2021.

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ACCESS SERVICES TARIFF

PSC KY. TARIFF 2E
Third Revised Page 15
Cancels Second Revised Page 15
EFFECTIVE: December 1, 2020

E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE**E7.2 Service Descriptions (Cont'd)**

(N)

E7.2.4 Wired Music⁽¹⁾ Service**A. Basic Channel Description**

A Wired Music channel is a channel specified in bandwidth 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. Wired Music channels are provided between customer designated premises and a Company Hub.

B. Technical Specifications Packages

| Parameter | Package AP- | 1 | 2 | 3 | 4 |
|----------------------|-------------|---|---|---|---|
| Actual Measured Loss | | X | X | X | X |
| Amplitude Tracking | | | | | |
| Crosstalk | | X | X | X | X |
| Distortion Tracking | | | | | |
| Gain/Frequency | | | | | |
| Distortion | | X | X | X | X |
| Group Delay | | | | | |
| Noise | | X | X | X | X |
| Phase Tracking | | | | | |
| Short Term Gain | | | | | |
| Stability | | | | | |
| Short-Term Loss | | | | | |
| Total Distortion | | X | X | X | X |

The technical specifications are delineated in Technical Reference TR-NPL-000337.

C. Channel Interfaces

The following channel interfaces (CIs) define the bandwidths that are available for a Wired Music channel:

| CI | Bandwidth |
|------|---------------------------------------|
| 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 Technical Reference TR-NPL-000337.

D. Optional Features and Functions

1. Central Office Bridging Capability

Distribution Amplifier

2. Gain Conditioning

Control of 1004 Hz AML at initiation of service to 0db + or - 0.5 dB.

⁽¹⁾ Effective December 1, 2020, this Service will no longer be available for purchase by new or existing customers, and service agreements may no longer be renewed. In addition, requests to move, add, or change 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 month-to-month rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after December 1, 2021.

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ACCESS SERVICES TARIFF

PSC KY. TARIFF 2E
Third Revised Page 16
Cancels Second Revised Page 16
EFFECTIVE: December 1, 2020

E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE**E7.2 Service Descriptions (Cont'd)****E7.2.4 Wired Music⁽¹⁾ Service (Cont'd)**

(N)

D. Optional Features and Functions (Cont'd)

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- | | | |
|------------------------------------|---|---|---|---|
| | 1 | 2 | 3 | 4 |
| Central Office Bridging Capability | | X | X | X |
| Gain Conditioning | X | X | X | |
| Stereo | | | | X |

⁽¹⁾ Effective December 1, 2020, this Service will no longer be available for purchase by new or existing customers, and service agreements may no longer be renewed. In addition, requests to move, add, or change 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 month-to-month rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after December 1, 2021.

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PSC KY. TARIFF 2E
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E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE**E7.2 Service Descriptions (Cont'd)****E7.2.8 High Capacity (a.k.a. BellSouth SPA High Capacity) Service (Cont'd)**

- D. Optional Features and Functions (Cont'd)
 - 4. Channelization
 - a. DS3 to DS1

An arrangement that channelizes a 44.736 Mbps channel to 28 DS1 channels.
 - b. DS2 to DS1

An arrangement that channelizes a 6.312 Mbps channel to four DS1 channels.
 - c. DS1C to DS1

An arrangement that channelizes a 3.152 Mbps channel to two DS1 channels.
 - d. DS1 Basic Channelization System

An arrangement that channelizes a 1.544 Mbps channel to a maximum of twenty-four 64.0 Kbps channels that may be used to activate both analog and digital services, e.g., voice grade, wired music⁽¹⁾ and digital data access service. A DS1 Basic Channelization System requires a Central Office Channel Interface for each channel of lesser capacity. (N)
 - e. DS0 Basic Channelization System

An arrangement that channelizes a 64.0 Kbps channel to subspeeds of up to twenty 2.4 Kbps, ten 4.8 Kbps, or five 9.6 Kbps channels. A DS0 Basic Channelization System requires a Central Office Channel Interface for each channel of lesser capacity.
 - 5. Channel Interface
 - a. DS1 Level Central Office Channel Interface

An arrangement for the connection of DS1 (1.544 Mbps) channels to higher order DS3 (44.736 Mbps) services in Company central office locations.
 - b. DS1 Level Customer Channel Interface

An arrangement for the connection of DS1 (1.544 Mbps) channels to higher order DS3 (44.736 Mbps) services at customer locations.
 - c. DS0 Level Central Office Channel Interface

An arrangement for the connection of VG/DS0 (2.4-64.0 Kbps) channels to higher order DS1 (1.544 Mbps) services in Company central office locations.
 - d. Subrate Level Central Office Channel Interface

An arrangement for the connection of subrate (2.4-9.6 Kbps) channels to higher order DS0 (64.0 Kbps) services in Company central office locations.

⁽¹⁾ Effective December 1, 2020, this Service will no longer be available for purchase by new or existing customers, and service agreements may no longer be renewed. In addition, requests to move, add, or change 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 month-to-month rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after December 1, 2021. (N)

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E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE**E7.4 Rate Regulations (Cont'd)****E7.4.1 Types Of Rates And Charges (Cont'd)****A. (Cont'd)****2. Nonrecurring Charges (Cont'd)**

The following list identifies the individual Special Access (a.k.a. BellSouth SPA) services provided under Section E7. of this Tariff which are eligible for credit of nonrecurring charges under "Service Installation Guarantee" found in E2.4.10 of *this Tariff*. Customers with these services are not eligible for the Service Installation Guarantee when the requested installation, move or rearrangement service order interval is four days or less as measured from the Application Date of the order.

- Voice Grade (a.k.a. BellSouth SPA DS0 VG),
- Wired Music²,
- Digital Data Access (a.k.a. BellSouth SPA DS0 Digital Data) service¹,
- High Capacity (a.k.a. BellSouth SPA High Capacity) service

(N)

Provided, however, that the following services are not eligible for such credit.

- FlexServ service (a.k.a. BellSouth SPA Customer Reconfiguration)
- Derived Data Channel (a.k.a. BellSouth SPA Derived Data Channel) service
- SMARTRing service (a.k.a. BellSouth Dedicated Ring)
- BellSouth Metro Ethernet Service

a. Installation of Service

Nonrecurring charges apply to each service installed. When one service is ordered and installed, it is billed at the First Service Installed rate. When more than one of the same type of service, between the same locations, for the same customer is ordered and installed at the same time, one at each location is billed at the First Service Installed rate and the others are billed at the Additional Service Installed rate. Nonrecurring charges are per each rate element for Commercial Quality Video (a.k.a. BellSouth SPA Commercial Quality Video) service.

b. Installation of Optional Features and Functions

Nonrecurring charges apply for the installation of some of the optional features and functions available with Special Access (a.k.a. BellSouth SPA) service. The Initial nonrecurring charge applies if the feature or function is installed coincident with the primary service. The Subsequent nonrecurring charge applies if the feature or function is installed after the installation of the primary service.

First and Additional nonrecurring charges are applicable to activate each individual Central Office Channel Interface of a DS1 or DS0 Basic Channelization System and are in addition to the nonrecurring charges for the DS1 or DS0 Basic Channelization System. A "First" Central Office Channel Interface nonrecurring charge is applicable to the first Central Office Channel Interface installed coincident with the installation of a DS1 or DS0 Basic Channelization System, per service request. The "Additional" nonrecurring charge applies for each additional Central Office Channel Interface, of the same type, ordered and installed at the same location, for the same customer, at the same time, on the same order request. Future requests for a Central Office Channel Interface on an existing DS1 or DS0 Basic Channelization System will be treated as new requests and will require "First" and "Additional" Central Office Channel Interface nonrecurring charge application in addition to any other applicable charges.

One nonrecurring charge is applicable for each individual DS1 level central office or customer channel interface, and is in addition to any other applicable charge(s).

The nonrecurring charges for the installation of optional features and functions are set forth in E7.5 following as nonrecurring charges for optional features and functions associated with the specific services.

Note 1: The Data Over Voice Channel optional feature is not eligible for such credit.

Note 2: Effective December 1, 2020, this Service will no longer be available for purchase by new or existing customers, and service agreements may no longer be renewed. In addition, requests to move, add, or change 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 month-to-month rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after December 1, 2021.

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ACCESS SERVICES TARIFF

PSC KY. TARIFF 2E
Fifth Revised Page 54
Cancels Fourth Revised Page 54
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E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE**E7.4 Rate Regulations (Cont'd)****E7.4.7 Facility Hubs**

A customer has the option of ordering Voice Grade facilities or digital high capacity facilities (i.e., DS1, DS1C, DS2, or DS3) to a facility Hub for channelizing to individual services requiring lower capacity facilities (e.g., Telegraph, Voice, Wired Music⁽¹⁾, etc.).

(N)

Different locations may be designated as Hubs for different facility capacities, e.g., channelization from digital to digital may occur at one location while channelization from digital to analog may occur at a different location. When ordering, the customer will specify the desired channelization Hub(s) selected from the National Exchange Carrier Association Tariff F.C.C. No. 4. This tariff identifies the type(s) of channelization functions which are available and the serving wire centers at which they are available.

Some of the types of channelization available include the following:

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

End to end services may be provided on channels of these facilities to a hub. The transmission performance for the end to end service provided between customer designated premises will be that of the lower capacity or bit rate. For example, when a 1.544 Mbps facility is channelized to voice frequency channels, the transmission performance of the channelized services will be Voice Grade (*a.k.a. BellSouth SPA DS0 VG*), not High Capacity (*a.k.a. BellSouth SPA High Capacity*).

The Company will commence billing the monthly rate for the facility to the Hub on the date specified by the customer on the service order. Individual services utilizing these facilities may be installed coincident with the installation of the facility to the Hub or may be ordered and/or installed at a later date, at the option of the customer. The customer will be billed for a Voice Grade or digital Local Channel, Interoffice Channel, if applicable and the Basic Channelization System at the time the facility is installed. DS1 and DS0 Basic Channelization Systems require a Central Office Channel Interface for activation of each lesser capacity channel. DS3 to DS1 channelization arrangements, for transport of intrastate high capacity DS1 service channels via LightGate (*a.k.a. BellSouth SPA Point to Point Network*) and SMARTRing (*a.k.a. BellSouth SPA Dedicated Ring*) services, require a DS1 channel interface for activation of each DS1 channel. Individual service rates (by service type) will apply for a Local Channel, additional Interoffice Channel and Central Office Channel Interface(s) (as required), if applicable, for each channelized service. These will be billed to the customer as each individual service is installed.

Cascading channelization occurs when a high capacity analog or digital channel is channelized to provide channels with a lesser capacity and one of the lesser capacity channels is further channelized.

When cascading channelization is performed, whether in the same or a different Hub, a charge for the additional Basic Channelization System and Central Office Channel Interface(s) also applies. A DS1 Basic Channelization System and DDAS Central Office Channel Interface are required for high speed or low speed activations when channelized from a DS1 (1.544 Mbps) channel. A DS0 Basic Channelization System and Subrate Central Office Channel Interface are required for subrate activations of 2.4, 4.8 and 9.6 Kbps when channelized from a DS0 (64 Kbps) channel. When cascading channelization is performed at different Hubbing locations, Interoffice Channel charges also apply between the Hubs.

Although not requiring channelization, the Telephone Company will designate certain hubs for Wired Music services. A customer can order service(s) between customer designated premises and a hub and will be billed accordingly at the rates set forth in E7.5.4 and E7.5.5 following for the service, as appropriate. The customer will be charged for each such connection made at the rates for Other Labor as set forth in E13.2.6.(c) following. The rates that apply for the service between each customer designated premises and the hub are a Local Channel and Interoffice Channel, if applicable. In addition, for Wired Music⁽¹⁾ services, rates for optional features and functions may be applicable.

(N)

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ACCESS SERVICES TARIFF

PSC KY. TARIFF 2E
Fifth Revised Page 61
Cancels Fourth Revised Page 61
EFFECTIVE: December 1, 2020

E7. SPECIAL ACCESS (A.K.A. BELLSOUTH SPA) SERVICE**E7.5 Rates And Charges (Cont'd)****E7.5.4 Wired Music² Service**

(N)

A. Local Channel

1. Per Point of Termination

- (a) 200 to 3500 Hz
- (b) 100 to 5000 Hz
- (c) 50 to 8000 Hz

| Monthly Rate ¹ | Nonrecurring Charge | | |
|---------------------------|--------------------------------------|---|-------|
| | First Service Installed ¹ | Additional Service Installed ¹ | USOC |
| \$38.50 | \$500.50 | \$209.00 | T6ECS |
| 49.50 | 583.00 | 280.50 | T6ECS |
| 55.00 | 594.00 | 291.50 | T6ECS |

B. Interoffice Channel

1. 200 to 3500 Hz

Mileage Bands

- (a) 0 mile
- (b) 1 thru 8 miles
- (c) 9 thru 25 miles
- (d) Over 25 miles

| Monthly Charge ¹ | Nonrecurring Charge ¹ | | |
|-----------------------------|----------------------------------|-------------------------------|-------|
| | Fixed Charge ¹ | Monthly Per Mile ¹ | USOC |
| \$- | \$- | \$- | 1L5XX |
| 33.00 | 2.26 | 82.50 | 1L5XX |
| 33.00 | 2.20 | 82.50 | 1L5XX |
| 33.00 | 2.15 | 82.50 | 1L5XX |

2. 100 to 5000 Hz

Mileage Bands

- (a) 0 mile
- (b) 1 thru 8 miles
- (c) 9 thru 25 miles
- (d) Over 25 miles

| | | | |
|--|--|--|--|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

3. 50 to 8000 Hz

Mileage Bands

- (a) 0 mile
- (b) 1 thru 8 miles
- (c) 9 thru 25 miles
- (d) Over 25 miles

| | | | |
|--|--|--|--|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

C. Optional Features and Functions

1. Bridging, Distribution Amplifier

(a) Per port

2. Gain Conditioning

(a) Per service

| Monthly Rate ¹ | Nonrecurring Charge ¹ | | |
|---------------------------|----------------------------------|-------|--|
| | USOC | | |
| \$2.20 | \$31.90 | BCNPT | |

| Monthly Rate | Nonrecurring Charge | | |
|--------------|---------------------|------------|------|
| | Initial | Subsequent | USOC |
| \$- | \$23.00 | \$78.00 | XGC |

Note 1: Rates are effective with normal billing cycles beginning on or after June 14, 2003.

Note 2: Effective December 1, 2020, this Service will no longer be available for purchase by new or existing customers, and service agreements may no longer be renewed. In addition, requests to move, add, or change 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 month-to-month rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after December 1, 2021.

(N)

BELLSOUTH
TELECOMMUNICATIONS
KENTUCKY
ISSUED: November 16, 2020
BY: Hood Harris, President
Louisville, Kentucky

ACCESS SERVICES TARIFF

PSC KY. TARIFF 2E
Ninth Revised Page 70
Cancels Eighth Revised Page 70
EFFECTIVE: December 1, 2020

E7. SPECIAL ACCESS (A.K.A. BELL SOUTH® SPA) SERVICE**E7.5 Rates And Charges (Cont'd)****E7.5.8 High Capacity (a.k.a. BellSouth® SPA High Capacity) Service (Cont'd)**

C. Optional Features and Functions (Cont'd)

2. Channel Interfaces (Per Interface)

a. Sub-DS3 Interfaces

(1) DS1 Level Central Office Channel Interface¹

| | Month to Month | 24 to 48 Months ² | 49 to 72 Months ² | 73 to 96 Months ² | Nonrecurring Charge | USOC |
|---|----------------|------------------------------|------------------------------|------------------------------|---------------------|-------|
| (a) Asynchronous | \$12.00 | \$8.00 | \$7.00 | \$6.00 | \$155.00 | 1D3CA |
| (b) Synchronous | 36.00 | 31.00 | 28.00 | 25.00 | 130.00 | 1D3CS |
| (2) DS1 Level Customer Channel Interface ¹ | | | | | | |
| (a) Asynchronous | 17.00 | 13.00 | 13.00 | 13.00 | 300.00 | 1D3DA |
| (b) Synchronous | 45.00 | 36.00 | 33.00 | 30.00 | 250.00 | 1D3DS |

b. Sub-DS1 Interfaces

(1) VG/DS0 Level Central Office Channel Interface

| | Monthly Rate | Nonrecurring Charge | USOC | |
|--|--------------|---------------------|-------|-----------|
| | First | Additional | | |
| (a) BellSouth® SWA | \$0.00 | \$0.00 | 1D1SW | |
| (b) Metallic (a.k.a. BellSouth® SPA Metallic) | 16.00 | 10.00 | 9.00 | 1D1ME |
| (c) Telegraph (a.k.a. BellSouth® SPA Telegraph) | 5.00 | 10.00 | 9.00 | 1D1TE |
| (d) Voice Grade (a.k.a. BellSouth® SPA DSO VG) | 6.50 | 10.00 | 9.00 | 1D1VG |
| (e) WATS Access Line (a.k.a. BellSouth® SPA WATS Line) | 6.50 | 10.00 | 9.00 | 1D1WT |
| (f) Wired Music ³ -monthly | 37.00 | 10.00 | 9.00 | 1D1PA (N) |
| (g) Wired Music ³ -daily | 4.00 | 10.00 | 9.00 | 1D1PA (N) |
| (h) DDAS (a.k.a. BellSouth® SPA DSO Digital Data) | 13.00 | 10.00 | 9.00 | 1D1DD |

c. Sub-DS0 Interfaces

(1) Subrate Central Office Channel Interface

| | | | | |
|------------------------------------|---------|---------|--------|-------|
| (a) Subrate (2.4, 4.8, & 9.6 Kbps) | \$13.00 | \$10.00 | \$9.00 | 1DOSR |
|------------------------------------|---------|---------|--------|-------|

Note 1: Contract lengths are flexible to allow customer choice of payment period per E2.4.9.

Note 2: Effective March 23, 2019, Customers may not: (1) Establish CSPPs greater than 36 months for High Capacity Service, and (2) Convert or renew CSPPs for High Capacity Service.

Note 3: Effective December 1, 2020, this Service will no longer be available for purchase by new or existing customers, and service agreements may no longer be renewed. In addition, requests to move, add, or change 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 month-to-month rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after December 1, 2021.

(N)