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7-241	1st	7-288	Original	7-335	1st
7-242	2nd*	7-289	Original	7-336	1st
7-243	3rd*	7-290	Original	7-337	1st
7-244	1st	7-291	Original	7-338	1st
7-245	3rd	7-292	Original	7-339	1st
7-246	2nd	7-293	Original	7-340	1st
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7-490	1st	7-538	1st	7-586	Original
7-491	1st	7-539	1st	7-587	Original
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7-493	1st	7-541	3rd	9-1	2nd
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7-495	1st	7-543	3rd	9-3	1st
7-496	1st	7-544	1st	9-4	Original
7-497	1st	7-545	1st	9-5	1st
7-498	1st	7-546	1st	9-6	Original
7-499	1st	7-547	3rd	9-7	2nd
7-500	1st	7-548	1st	9-8	1st
7-501	1st	7-549	1st	9-9	1st
7-502	1st	7-550	1st	9-10	Original
7-503	1st	7-551	1st	9-11	Original
7-504	1st	7-552	1st	9-12	1st
7-505	1st	7-553	1st	9-13	Original
7-506	1st	7-554	1st	9-14	Original
7-507	1st	7-555	1st	9-15	Original
7-508	1st	7-556	1st	9-16	Original
7-509	1st	7-557	1st	9-17	Original
7-510	1st	7-558	1st	9-18	Original
7-511	1st	7-559	1st	9-19	Original
7-512	1st	7-560	1st	9-20	Original
7-513	1st	7-561	1st	9-21	Original
7-514	1st	7-562	1st	9-22	Original
7-515	1st	7-563	1st	9-23	Original
7-516	1st	7-564	1st	9-24	Original
7-517	1st	7-565	1st	9-25	Original
7-518	1st	7-566	1st	9-26	Original
7-519	1st	7-567	Original	9-27	Original
7-520	1st	7-568	1st	9-28	Original
7-521	1st	7-569	1st	9-29	Original
7-522	1st	7-570	1st	9-30	Original
7-523	1st	7-571	1st	9-31	Original
7-524	1st	7-572	1st	9-32	Original
7-525	1st	7-573	1st	9-33	Original
7-526	1st	7-574	1st	9-34	Original
7-527	1st	7-575	1st	10-1	2nd
7-528	1st	7-576	1st	10-2	Original
7-529	1st	7-577	Original	10-3	Original
7-530	1st	7-578	1st*	10-4	Original
7-531	1st	7-579	1st	10-5	1st
7-532	1st	7-580	Original	10-6	1st

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7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.1 General (Cont'd)

7.1.1 Channel Types (Cont'd)

Following is a brief description of each type of channel:

Metallic<sup>(2)</sup> (a.k.a. BellSouth SPA Metallic) - a channel for the transmission of low speed varying signals at rates up to 30 baud. (N)

Telegraph Grade<sup>(2)</sup> (a.k.a. BellSouth SPA Telegraph) - a channel for the transmission of binary signals at rates of 0 to 75 baud or 0 to 150 baud. (N)

Voice Grade<sup>(2)</sup> (a.k.a. BellSouth SPA DSO VG) - a channel for the transmission of analog signals within an approximate bandwidth of 300-3000 Hz. (N)

WATS Access Line<sup>(2)</sup> (WAL) (a.k.a. BellSouth SPA WATS Lines) - A channel from a customer designated premises to a WATS serving office for BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening service, WATS (a.k.a. BellSouth SPA WATS), or similar services. (N)

Program Audio<sup>(3)</sup> (a.k.a. BellSouth SPA 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. (N)

Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) - a channel for the transmission of a standard 525 line/60 field National Television Systems Committee (NTSC) - System M video signal and one or two associated 15 or 20 kHz audio signals. The video bandwidth is 4.2 MHz wide.

BellSouth SPA Modular Video Transport service<sup>1</sup> is a dedicated fiber transport service that interconnects at least two customer designated end point locations. Multiple locations may be interconnected with transport links to form one-way video rings.

(1) Effective August 25, 2011, BellSouth SPA Modular Video Transport Service is no longer available to new Customers. There is no change for existing customers.

(2) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024. (N)

(3) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after November 1, 2020. (N)



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7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.1 General (Cont'd)

7.1.1 Channel Types (Cont'd)

Derived Data Channel<sup>(1)</sup> (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. (N)

Digital Data<sup>(1)</sup> (a.k.a. BellSouth SPA DSO Digital Data) - a channel for the digital transmission of synchronous serial data at rates of 2.4, 4.8, 9.6, 19.2, 56.0 or 64.0 kbps. (N)

High Capacity (a.k.a. BellSouth SPA High Capacity) - a channel for the transmission of isochronous serial digital data at rates of 1.544 Mbps (DS1), 3.152 Mbps (DS1C), 6.312 Mbps (DS2), or 44.736 Mbps (DS3).

Detailed descriptions of each of the channel types are provided in Section 7.2.

The customer also has the option of ordering digital high capacity (a.k.a. BellSouth SPA High Capacity) facilities i.e., Group, Supergroup, Mastergroup, DS1 (1.544 Mbps), DS1C (3.152 Mbps), DS2 (6.312 Mbps), and DS3 (44.736 Mbps) to a Telephone Company Hub for channelization to individual channels of a lower capacity or bandwidth.

Descriptions of the types of channelization 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 Section 7.2. 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 Section 7.2.

For example, a customer may order LightGate service (a.k.a. BellSouth SPA Point to Point Network) with DS3 channel interfaces at a customer designated premises and terminate it at a Telephone Company Hub with DS1 (a.k.a. BellSouth SPA DS1) (1.544 Mbps) channel interfaces. These DS1 (a.k.a. BellSouth SPA DS1) channels may be further channelized to Voice Grade (a.k.a. BellSouth SPA DSO VG) (i.e., Group level) channels or may be extended to other customer designated premises or a different Hub. Optional features may be added to either the DS1 (a.k.a. BellSouth SPA DS1) or the Voice Grade (a.k.a. BellSouth SPA DSO VG) channels.

(1) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions

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

- Metallic<sup>(2)</sup> (a.k.a. BellSouth SPA Metallic) (MT) (N)
- Telegraph Grade<sup>(2)</sup> (a.k.a. BellSouth SPA Telegraph) (TG) (N)
- Voice Grade<sup>(2)</sup> (a.k.a. BellSouth SPA DSO VG) (VG) (N)
- Program Audio<sup>(1)</sup> (a.k.a. BellSouth SPA Program Audio) (AP) (N)
- Video (a.k.a. BellSouth SPA Video) (TV)
  
- Digital Data Access<sup>(2)</sup> (a.k.a. BellSouth SPA DSO Digital Data) Service (DDAS) (N)
- High Capacity (a.k.a. BellSouth SPA High Capacity) (HC)
- WATS Access Line<sup>(2)</sup> (a.k.a. BellSouth SPA WATS Line) (WAL) (N)
- Derived Data Channel<sup>(2)</sup> (a.k.a. BellSouth SPA Derived Data Channel) Service (DDCS) (N)

Each service consists of a basic channel to which a technical specifications package (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.

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 and/or channelization functions are performed.

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., VG1. The first two letters of the code indicate the category of Special Access Service to which the parameters are applicable. The number "1" following the two-letter code indicates the technical specifications package for a Voice Grade (a.k.a. BellSouth SPA DSO VG) service. The numeric designation following the two-letter code indicates the specific predefined package. When appropriate, the Technical Reference which contains detailed specifications for the parameters is shown following the matrix.

<sup>(1)</sup> Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after November 1, 2020. (N)

<sup>(2)</sup> Effective November 20, 2019, 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 monthly extension rate until the service is discontinued. AT&T currently plans to discontinue this service on or after June 30, 2024. (N)

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7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions (Cont'd)

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

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 Section 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 (a.k.a. BellSouth SPA) 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.

The Telephone Company will maintain existing transmission specifications on services installed prior to the effective date of this tariff except that 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 <sup>(2)</sup> (a.k.a. BellSouth SPA Metallic)	TR-NPL-000336	(N)
Telegraph Grade <sup>(2)</sup> (a.k.a. BellSouth SPA Telegraph)	TR-NPL-000336	(N)
Voice Grade <sup>(2)</sup> (a.k.a. BellSouth SPA DSO VG)	TR-NWT-000335	(N)
	MDP 326-584	
Program Audio <sup>(1)</sup> (a.k.a. BellSouth SPA Program Audio)	TR-NPL-000337	(N)
Video (a.k.a. BellSouth SPA Video)	TR-73583 (BellSouth)	
	TR-73606 (BellSouth)	
	TR-73607 (BellSouth)	
	TR-73608 (BellSouth)	
	TR-73609 (BellSouth)	
	TR-73611 (BellSouth)	

<sup>(1)</sup> Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after November 1, 2020.

<sup>(2)</sup> Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions (Cont'd)

Digital Data Access <sup>(2)</sup> (a.k.a. BellSouth SPA DSO Digital Data) Service For 2.4, 4.8, 9.6 & 56.0 kbps For 19.2 kbps For 64.0 kbps High Capacity	TR-NWT-000341 ANSI T1.107b-1 ANSI T1.197b-1991 ANSI T1.107b-1991 TR-NPL-000054 TR-INS-000342	(N)
WATS Access Line <sup>(2)</sup> (a.k.a. BellSouth SPA WATS Line) Derived Data Channel <sup>(2)</sup> (a.k.a. BellSouth SPA Derived Data Channel) Service	TR-NWT-000334 TR-73548 TR-73548, Addendum 1	(N) (N)
SMARTPath Service (a.k.a. BellSouth SPA DS1 Shared Ring) SMARTPath DS3 Transport (a.k.a. BellSouth SPA DS3 Shared Ring) Service	TR-73575 TR-73575, Addendum 1	

7.2.1 Metallic Service <sup>(1)(2)</sup> (a.k.a. BellSouth SPA Metallic) (N)

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

(B) Technical Specifications Packages

<u>Parameter</u>	<u>Package MT-</u>		
	<u>1</u>	<u>2</u>	<u>3</u>
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 Interface

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

<sup>(1)</sup> Effective September 20, 2017, Metallic Service has limited availability; see Section 2.1.15.

<sup>(2)</sup> Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024. (N)

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.1 Metallic<sup>(2)</sup> (a.k.a. BellSouth SPA Metallic) Service (Cont'd)

(N)

(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 -		
	<u>1</u>	<u>2</u>	<u>3</u>
Three Premises Bridging	X		X
Series Bridging		X	

7.2.2 Telegraph Grade (a.k.a. BellSouth SPA Telegraph) Service <sup>(1)(2)</sup>

(N)

(A) Basic Channel Description

A Telegraph (a.k.a. BellSouth SPA 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 (a.k.a. BellSouth SPA Telegraph) Grade channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub.

(B) Technical Specifications Packages

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

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

<sup>(1)</sup> Effective September 20, 2017, Telegraph Grade Service has limited availability; see Section 2.1.15.

<sup>(2)</sup> Effective November 20, 2019, 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 monthly extension rate until the service is discontinued. AT&T currently plans to discontinue this service on or after June 30, 2024.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.2 Telegraph<sup>(3)</sup> (a.k.a. BellSouth SPA Telegraph) Grade Service (Cont'd) (N)

(C) Channel Interfaces

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

(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.

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

7.2.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service <sup>(1)(2)(3)</sup> (N)

(A) Basic Channel Description

A Voice Grade (a.k.a. BellSouth SPA DSO VG) 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 (a.k.a. BellSouth SPA DSO VG) channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub.

(1) Effective November 5, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Voice Grade (a.k.a., BellSouth SPA DSO VG) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted.

(2) Effective September 20, 2017, Voice Grade Service has limited availability; see Section 2.1.15.

(3) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service<sup>(1)(2)</sup> (Cont'd)

(N)

(B) Technical Specifications Packages

Parameter	Package VG-											
	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
C-Message Noise	X	X	X	X	X	X	X	X	X	X	X	X
Echo Control	X	X	X		X		X	X			X	X
Envelope Delay												
Distortion						X	X	X	X	X	X	X
Frequency Shift						X	X	X	X	X	X	X
Impulse Noise					X	X	X	X	X	X	X	X
Intermodulation												
Distortion						X	X	X	X	X	X	
Loss Deviation	X	X	X	X	X	X	X	X	X	X	X	X
Phase Jitter						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

The technical specifications for these parameters (except for dropouts, gain hits, and phase hits) are delineated in Technical Reference TR-NWT-000335. The technical specifications for dropouts, phase hits, and gain hits are delineated in Technical Reference MDP 326-584.

(C) Channel Interfaces

The following channel interfaces for Voice Grade (a.k.a. BellSouth SPA DSO VG) service do not require signaling capability: AH, DA, DB, DS, NO, PR and TF.

The following channel interfaces for Voice Grade (a.k.a. BellSouth SPA DSO VG) service requiresignaling capability: AB, AC, CT, DX, EA, EB, EC, EX, GO, GS, LA, LB, LC, LO, LR, LS, RV and SF.

Compatible channel interfaces are set forth in Technical Reference TR-NWT-000335 and MDP 326-584.

<sup>(1)</sup> Effective November 5, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available.

<sup>(2)</sup> Effective November 20, 2019, 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 monthly extension rate until the service is discontinued. AT&T currently plans to discontinue this service on or after June 30, 2024.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service<sup>(1)(2)</sup> (Cont'd) (N)

(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) Telephoto Bridging\*\*\* (two-wire and four-wire)

(2) Conditioning

Conditioning provides more specific transmission characteristics for Voice Grade (a.k.a. BellSouth SPA DSO VG) services. C-Type conditioning controls attenuation distortion and envelope delay distortion. Sealing Current helps maintain continuity on dry metallic loops.

In addition, a customer may desire that either the attenuation distortion or the envelope delay distortion, or both, be improved to more stringent specifications than those provided for C-Type conditioning. In such cases the customer has the option of ordering either Improved Attenuation Distortion or Improved Envelope Delay Distortion with Improved Attenuation Distortion, as desired.

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 D-Conditioning may be combined on the same service.

- \* - Voice Bridging is intended for use with VG-2, -5 and -12, however, it may be used on VG-6 and VG-10 at a customer's request.
- \*\* - Data Bridging is intended for use with VG-6 and VG-10, however, it may be used on VG-2, -5 and -12 at a customer's request.
- \*\*\* - Telephoto Bridging is intended for use on VG-11.

<sup>(1)</sup> Effective November 5, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available.

<sup>(2)</sup> Effective November 20, 2019, 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 monthly extension rate until the service is discontinued. AT&T currently plans to discontinue this service on or after June 30, 2024. (N)



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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service<sup>(1)(2)</sup> (Cont'd)

(D) Optional Features and Functions (Cont'd)

(2) Conditioning (Cont'd)

(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 Variation  
Range (Hz) (dB)

504-2804	-1.0 to +3.0
304-3004	-2.0 to +6.0

Envelope Delay  
Distortion  
Frequency Variation  
Range (Hz) (micro-seconds)

1004-2604	≤500
604-2604	≤1500
504-2804	≤3000

<sup>(1)</sup> Effective November 5, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available.

(2) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service<sup>(1)(2)</sup> (Cont'd) (N)

(D) Optional Features and Functions (Cont'd)

(2) Conditioning (Cont'd)

(b) Improved Attenuation Distortion

Improved attenuation distortion is provided for additional control of attenuation distortion. The improved attenuation distortion specifications are:

Attenuation Distortion  
(Frequency Response)  
Relative to 1004 Hz

Frequency Range (Hz)    Variation (dB)

404-2804	-1.0 to +2.0
304-3004	-1.0 to +3.0
304-3204	-2.0 to +6.0

(c) Improved Envelope Delay Distortion

Improved envelope delay distortion is provided for additional control of envelope delay distortion. The improved envelope delay distortion specifications are:

Envelope Delay Distortion  
Frequency Range (Hz)    Variation (micro-seconds)

1004-2604	≤100
804-2604	≤200
604-2604	≤300
504-2804	≤600
504-3004	≤3000

(1) Effective November 5, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available.

(2) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024. (N)

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service<sup>(1)(2)</sup> (Cont'd) (N)

(D) Optional Features and Functions (Cont'd)

(2) Conditioning (Cont'd)

(d) 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.

(3) Customer Specified Premises Receive Level

This option allows the customer to specify the receive level at the Point of Termination for a two or four wire interface at the customer's premises. For a two-wire interface, the customer must order an effective four-wire channel and must specify a receive level within the range allowable for effective four-wire transmission. For a four-wire interface the receive level specified must be within the range allowable for four-wire transmission. The customer can order improved termination for a wider range of receive levels. The ranges are delineated in Technical Reference TR-NWT-000335.

(4) ECHO CONTROL

(a) Improved Return Loss

On Effective Two-Wire Transmission at Two-Wire Point of Termination (POT): 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 TR-NWT-000335.

(1) Effective November 5, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available.

(2) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service<sup>(1)(2)</sup> (Cont'd)

(N)

(D) Optional Features and Functions (Cont'd)

(4) ECHO CONTROL (Cont'd)

(b) ELEPL 2 (Equal Level Echo Path Loss)

On Effective Two-Wire Transmission at Four-Wire Point of Termination (POT): provides for more stringent Echo Control specifications. In order for this option to be applicable, the transmission path must be two-wire at one POT and four-wire at the other POT. Telephone Company equipment may be required at the customer's premises where this option is ordered. The ELEPL2 parameters are delineated in Technical Reference TR-NWT-000335.

(5) D-Conditioning

D-Conditioning provides improved transmission characteristics for data communications. Specifically, D-Conditioning upgrades the signal-to-C notched noise ration and intermodulation distortion limits. This option is available for use with Technical Specification Packages VG6, VG7 and VG10 on two-point and multipoint services. (However, it is not recommended for use with multipoint.) When a service equipped with D-Conditioning is used for voice communications, the quality of voice transmission may not be satisfactory.

The Signal to C-Notched Noise Ratio and Intermodulation Distortion parameters for D - Conditioning are:

- Signal to C-Notched Noise Ratio is equal to or greater than 32dB
- Intermodulation Distortion: Signal to second order modulation products (R2) is equal to or greater than 38dB Signal to third order modulation products (R3) is equal to or greater than 42dB

(1) Effective November 5, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available.

(2) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service<sup>(1)(2)</sup> (Cont'd) (N)

(D) Optional Features and Functions (Cont'd)

(6) Telephoto Conditioning

T-Conditioning provides transmission characteristics suitable for telephotographic communications. Specifically, T-Conditioning is provided for the control of attenuation distortion and envelope delay distortion on telephotographic services. The attenuation distortion and envelope delay distortion parameters for T-Conditioning are:

<u>Attenuation Distortion</u> (2204 Hz Reference)		<u>Envelope Delay Distortion</u>	
<u>Frequency Range (Hz)</u>	<u>Variation (dB)</u>	<u>Frequency Range (Hz)</u>	<u>Variation mcs</u>
500-3000	-0.5 to +1.5	1000-2600	≤110
300-3200	-1.0 to +2.5	800-2800	≤180

(7) 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.

(8) Reserved for Future Use

<sup>(1)</sup> Effective November 5, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available.

<sup>(2)</sup> Effective November 20, 2019, 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 monthly extension rate until the service is discontinued. AT&T currently plans to discontinue this service on or after June 30, 2024.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade (a.k.a. BellSouth SPA) Service<sup>(1)(2)</sup> (Cont'd)

(D) Optional Features and Functions (Cont'd)

(9) Improved Termination

The Improved Termination option provides a fixed 600 ohm impedance, a variable level range and simplex reversal, when applicable, at the point of termination. Telephone Company equipment is required at the customers premises when this option is ordered. The Improved Termination parameters are delineated in Technical Reference TR-NWT-000335.

(10) Simplex Reversal

The Simplex Reversal option physically turns over the simplex DC path presented at the four-wire point of termination when LO, LS, GO, GS, & DX signaling is provided at the point of termination.

(11) Effective Four-Wire

An arrangement which permits the simultaneous independent transmission of information in both directions over a single channel. Effective four-wire channels must be terminated with a four-wire local channel as specified in 7.5.3 following.

<sup>(1)</sup> Effective November 5, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available.

<sup>(2)</sup> Effective November 20, 2019, 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 monthly extension rate until the service is discontinued. AT&T currently plans to discontinue this service on or after June 30, 2024.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service<sup>(1)(2)</sup> (Cont'd)

(N)

(D) Optional Features and Functions (Cont'd)

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

	Available with Technical Specifications Package VG-											
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>
C-Type Conditioning					X	X	X	X	X	X		
Improved Attenuation Distortion					X	X	X	X	X	X		
Improved Envelope Delay Distortion					X	X	X	X	X	X		
Sealing Current Conditioning					X	X				X		
Data Capability						X	X			X		
Central Office Bridging		X			X	X				X	X	X
Channelization						X						
Customer Specified Premises Receive Level		X	X				X	X	X			
Echo Control												
Improved Return Loss		X	X				X					
ELEPL2	X	X	X		X		X					
BellSouth Customer Network Management Service												
Improved Termination	X	X	X	X	X	X	X	X	X	X	X	
Simplex Reversal	X	X	X	X	X	X	X	X	X	X	X	X
Signaling Capability	X	X	X				X	X	X			
Telephoto Conditioning										X		

(1) Effective November 5, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available.

(2) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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ISSUED: NOVEMBER 5, 2019

EFFECTIVE: NOVEMBER 20, 2019

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service<sup>(1)(2)</sup> (Cont'd) (N)

(E) Four-Wire/Two-Wire Conversions

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 of the Four-Wire Local Channel is required. The rate for the conversion is included as part of the basic Local Channel rate.

7.2.3.1 WATS Access Line (WAL) (a.k.a. BellSouth SPA WATS Line) Service<sup>(2)</sup>

(A) Basic Channel Description

A WATS Access Line (a.k.a. BellSouth SPA WATS Line) service (WAL) provides a channel for voice frequency transmission capability. The service provides a connection between a customer designated premises and a WATS serving office associated with the closed end of BellSouth SWA 8xx Toll Free Dialing Ten Digit Screening Service, WATS (a.k.a. BellSouth SPA WATS Line) or similar services. It is provided for use with BellSouth SWA FGA, BellSouth SWA FGB, or BellSouth SWA FGD in the originating and terminating direction and BellSouth SWA service arrangement features as set forth in Section 6, preceding.

The following shall apply to the Telephone Company's provision of WATS access line (a.k.a. BellSouth SPA WATS Line) service:

- (1) When the end user's serving wire center is not a WATS serving office, Interoffice Channel charges will apply for a WATS Access Line (a.k.a. BellSouth SPA WATS Line) Extension (WALE) between the end user's serving wire center and the nearest WATS serving office.

<sup>(1)</sup> Effective November 5, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available.

<sup>(2)</sup> Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024. (N)



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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service<sup>(1)(2)</sup> (Cont'd) (N)

7.2.3.1 WATS Access Line (a.k.a. BellSouth SPA WATS Line) (WAL) Service<sup>(2)</sup> (Cont'd)

(A) Basic Channel Description (Cont'd)

WAL (a.k.a. BellSouth SPA WATS Line) service is arranged for either originating calling, terminating calling, or two-way calling. It is provided with either rotary dial or dual tone multifrequency address signaling and either loop start, ground start, E&M or reverse battery supervisory signaling. The choice of the type of signaling is at the option of the customer and subject to the technical limitations identified in the Technical Reference TR-NWT-000334. WATS Access Line (a.k.a. BellSouth SPA WATS Line) service is provided as an effective two-wire, an effective four-wire or a DS1 (i.e., 1.544 Mbps) transmission path. The DS1 WAL is only available as a trunk side termination on suitably equipped electronic switch, e.g., 1/1A ESS with Digital Carrier Termination (DCT) or DMS-100 with a Line Trunk Unit (LTU).

(B) Technical Specification Packages

<u>Parameters</u>	<u>Packages WAL -</u>		
	<u>1</u>	<u>2</u>	<u>3</u>
Attenuation Distortion	X	X	
Bit error rate			X
C-Message Noise	X	X	
Echo Control	X	X	
Envelope Delay Distortion	X	X	
Frequency Shift	X	X	
Impulse Noise	X	X	
Intermodulation Distortion	X	X	
Loss Deviation	X	X	
Phase Jitter	X	X	
Signal-to-C Notch Noise	X	X	

The technical specifications are delineated in Technical Reference TR-NWT-000334.

(1) Effective November 5, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available.

(2) Effective November 20, 2019, 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 monthly extension rate until the service is discontinued. AT&T currently plans to discontinue this service on or after June 30, 2024.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service<sup>(1)(4)</sup> (Cont'd) (N)

7.2.3.1 WATS Access Line (a.k.a. BellSouth SPA WATS Line) (WAL) Service<sup>(4)</sup> (Cont'd) (N)

(C) The following interfaces are available with WAL (a.k.a. BellSouth SPA WATS Line) Service:

LO, LS, DS, GO, GS, RV, EA, EB

Compatible channel interfaces are set forth in Technical Reference TR-NWT-000334.

(D) Optional Features and Functions

- (1) Two-wire and four-wire Central Office bridging capability.
- (2) Improved two-wire voice transmission specifications.
- (3) Certain other arrangements associated with WAL (a.k.a. BellSouth SPA WATS Line) services such as WATS Access Line<sup>(4)</sup> (a.k.a. BellSouth SPA WATS Line) Nonchargeable Termination Options and Common Switching Optional Features are available as defined in Section 6 preceding. (N)
- (4) One-way or Two-way Capability

7.2.4 Program Audio (a.k.a. BellSouth SPA Program Audio) Service<sup>(1)(2)(3)</sup> (N)

(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.

- (1) Effective November 5, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service and Program Audio (a.k.a. BellSouth SPA Program Audio) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers are no longer available for new Customers at new locations. New circuits may be added at Customer locations with existing Voice Grade (a.k.a., BellSouth SPA DSO VG) or Program Audio (a.k.a. BellSouth SPA Program Audio) circuits as of February 16, 2016. There are no changes for existing Customers except that circuit moves to different buildings are no longer permitted.
- (2) Effective September 20, 2017, Program Audio Service has limited availability; see Section 2.1.15.
- (3) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after November 1, 2020. (N)
- (4) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024. (N)

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.4 Program Audio (a.k.a. BellSouth SPA Program Audio) Service<sup>(1)(2)</sup> (Cont'd) (N)

(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

Compatible channel interfaces (CIs) are set forth in Technical Reference TR-NPL-000337.

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 7.3.5(D) following.

\* The desired parameters are selected by the customer from the list of available parameters.

(1) Effective November 5, 2016, Program Audio (a.k.a. BellSouth SPA Program Audio) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available.

(2) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after November 1, 2020.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.4 Program Audio (a.k.a. BellSouth SPA Program Audio) Service<sup>(1)(2)</sup> (Cont'd) (N)

(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 ± 0.5 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-			
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
Central Office Bridging Capability	X	X	X	X
Gain Conditioning	X	X	X	X
Stereo				X

(1) Effective November 5, 2016, Program Audio (a.k.a. BellSouth SPA Program Audio) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available for new Customers.

(2) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after November 1, 2020.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.7 Reserved for Future Use (Cont'd)

7.2.8 Digital Data Access (a.k.a. BellSouth SPA DSO Digital Data) Service <sup>(2)(3)</sup> (N)

(A) Basic Channel Description

A Digital Data (a.k.a. BellSouth SPA DSO Digital Data) Access channel is a channel for duplex four-wire transmission of synchronous serial data at the rate of 2.4, 4.8, 9.6, 19.2, 56.0 or 64.0 <sup>(1)</sup> kbps. Transmission speeds of 2.4, 4.8, 9.6 and 19.2 kbps are referred to as Low-speed Digital Data Access (a.k.a. BellSouth SPA DSO Digital Data) service (DDAS) options, and transmission speeds of 56.0 and 64.0 kbps are referred to as High-speed DDAS (a.k.a. BellSouth SPA DSO Digital Data) options. The actual bit rate is a function of the channel interface selected by the

(1) When 64.0 Kbps service is multiplexed on a DS1 High Capacity (a.k.a. BellSouth SPA DS1) service, the DS1 must be optioned with Clear Channel Capability.

(2) Effective September 20, 2017, Digital Data Access Service has limited availability; see Section 2.1.15.

(3) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.8 Digital Data Access<sup>(1)</sup> (a.k.a. BellSouth SPA DSO Digital Data) Service (Cont'd)

(N)

(A) Basic Channel Description (Cont'd)

customer. The channel provides a synchronous service with timing provided by the Telephone Company through the Telephone Company's facilities to the customer in the received bit stream. Digital Data Access (a.k.a. BellSouth SPA DSO Digital Data) service is used to connect customer designated premises or to connect customer designated premises to a Telephone Company DDAS Hub (where connection to other services may be allowed). DDAS (a.k.a. BellSouth SPA DSO Digital Data) channels are only available from Telephone Company serving wire centers designated as DDAS (a.k.a. BellSouth SPA DSO Digital Data) Hubs. A DDAS (a.k.a. BellSouth SPA DSO Digital Data) Hub is a Telephone Company designated wire center where specialized timing, testing, maintenance and monitoring is provided for DDAS (a.k.a. BellSouth SPA DSO Digital Data) circuits; DDAS (a.k.a. BellSouth SPA DSO Digital Data) bridging is provided and available only at a DDAS (a.k.a. BellSouth SPA DSO Digital Data) Hub office. Wire centers designated as DDAS (a.k.a. BellSouth SPA DSO Digital Data) Hubs are identified in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4. In accordance with Section 7.4.6, interoffice mileage required to connect each customer designated premises to the DDAS (a.k.a. BellSouth SPA DSO Digital Data) Hub office is computed and rates applied separately for each section of the Interoffice Channel, i.e., customer designated premises serving wire center to DDAS (a.k.a. BellSouth SPA DSO Digital Data) Hub, DDAS (a.k.a. BellSouth SPA DSO Digital Data) Hub to DDAS (a.k.a. BellSouth SPA DSO Digital Data) Hub and/or DDAS (a.k.a. BellSouth SPA DSO Digital Data) Hub to customer designated premises serving wire center.

Secondary Channel Capability (SCC) is a derived companion digital transmission path that is independent of the primary data path and operates at a substantially lower bit rate. This derived channel allows the customer to perform network management functions during the normal operation of the network. This diagnostics channel utilizes a portion of a customer's previously unavailable data bit stream allowing for the ability to remotely control and test the network and peripheral devices without taking the network out of service. Special customer equipment is necessary to utilize the benefits of the SCC. Customers not wishing to utilize this capability will not be impacted. Due to transmission equipment restrictions, SCC cannot be provided on 56 Kbps service that require the installation of loop repeater equipment for provision of service. Also, SCC cannot be provided on 64.0 kbps service since all of the available bit stream will be used by the customer.

The customer will provide the Channel Service Unit-type equipment or other Network Channel Terminating Equipment associated with the Digital Data Access (a.k.a. BellSouth SPA DSO Digital Data) channel at the customer premises. The interim program for interconnection of such equipment is set forth in Technical Reference PUB AS No. 1.

<sup>(1)</sup> Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity (a.k.a. BellSouth SPA High Capacity) Service <sup>(2)</sup>

(A) Basic Channel Description

A High Capacity (a.k.a. BellSouth SPA High Capacity) channel is a channel for the transmission of nominal 64.0 kbps <sup>(1)(3)</sup> or 1.544, 3.152, 6.312, or 44.736, Mbps isochronous serial data. The actual bit rate is a function of the channel interface selected by the customer. High Capacity (a.k.a. BellSouth SPA High Capacity) channels are provided between customer-designated premises or between a customer-designated premises and a Telephone Company Hub. (N)

Except for DS1 Diverse service, a DS1 (1.544 Mbps) High Capacity (a.k.a. BellSouth SPA DS1) channel may also be provided over a fiber transmission path between a customer-designated premises and an alternate wire center. DS1 High Capacity (a.k.a. BellSouth SPA DS1) channels may not be provided over DS1 Diverse service. The customer must have at least one other High Capacity (a.k.a. BellSouth SPA High Capacity) service from the same customer-designated premises to its normal serving wire center. This DS1 Alternate Serving Wire Center (ASWC) transmission path avoids the wire center from which the customer would normally obtain dial tone. The ASWC local channel is provisioned between contiguous wire centers with adjacent fiber feeder routes. This service utilizes fiber facilities from the ASWC to the designated customer premises. Interoffice channel facilities, if required, will avoid the normal serving wire center. The Telephone Company will designate the serving wire center to be used as the alternate.

The DS1 ASWC arrangement is immediately available for all existing arrangements and, where facilities exist, for customers whose normal serving wire centers are those listed below:

ALPRGAMA	ATLNGABU	ATLNGACS	TUKRGAMA
ATLNGAEP	ATLNGAPP	ATLNGASS	
ATLNGATH	DNWDGAMA	RSWLGAMA	
SMYRGAMA	SMYRGAPF	CHMBGAMA	

(1) Available only as a channelized element of a 1.544 Mbps facility between two Telephone Company Digital Data (a.k.a. BellSouth SPA DSO Digital Data) Access Hubs or as a cross connect of two 2.4, 4.8, 9.6, 19.2, 56.0 or 64.0 Kbps channels of two 1.544 Mbps facilities at a Digital Data (a.k.a. BellSouth SPA DSO Digital Data) Access Hub. The customer must provide system and channel assignment data.

(2) Effective September 20, 2017, High Capacity Service has limited availability; see Section 2.1.15.

(3) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024. (N)

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity (a.k.a. BellSouth SPA High Capacity) Service (Cont'd)

(D) Optional Features and Functions (Cont'd)

(2) Channelization

(a) DS2 to DS1

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

(b) DS1C to DS1

An arrangement that channelizes a 3.152 Mbps channel to two DS1 channels.

(c) DS1 Basic Channelization System<sup>(1)</sup>

An arrangement that channelizes a 1.544 Mbps channel to a maximum of twenty-four 64 kbps channels that may be used to activate both analog and digital services, e.g. Voice Grade (a.k.a. BellSouth SPA DS0 VG) Program Audio (a.k.a. BellSouth SPA Program Audio)<sup>(2)</sup>, Digital Data Access (a.k.a. BellSouth SPA DS0 Digital Data) service, Metallic (a.k.a. BellSouth SPA Metallic) and WATS Access Line (a.k.a. BellSouth SPA WATS Line)<sup>(1)</sup> service. A DS1 Basic Channelization System requires a Central Office Channel Interface for each channel of lesser capacity.

(N)

(d) DS0 Basic Channelization System<sup>(1)</sup>

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 Interface for each channel of lesser capacity.

(N)

(1) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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(2) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after November 1, 2020.

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7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity (a.k.a. BellSouth SPA High Capacity) Service (Cont'd)

(D) Optional Features and Functions (Cont'd)

(2) Channelization (Cont'd)

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

	Available with Technical Specifications Package HC-				
	0	1	1C	2	3
Channelization:					
DS3 to DS1					X
DS2 to DS1				X	
DS1C to DS1			X		
DS1 Basic Channelization System <sup>(2)</sup>	X				
DS0 Basic Channelization System <sup>(1)(2)</sup>	X	X			
BellSouth Customer Network Management Service	X	X			X
Clear Channel Capability	X				

(3) Shared Network Arrangement

(a) A service offering that provides for multiple customers to cross connect their individual services on a channelized high capacity service. The service configurations will be limited to a customer sharing a portion of their transport capacity with another customer. A customer's higher level of transport may be shared at a lower level based on the lower level of interfaces or channelization that are available (e.g., BellSouth DS1 Diverse service or DS1 High Capacity (a.k.a. BellSouth SPA DS1) service shared at a sub-DS1 level, or DS3 transport shared at the BellSouth DS1 Diverse service or DS1 High Capacity (a.k.a. BellSouth SPA DS1) service level).

(1) Available only on 64 Kbps DDAS (a.k.a. BellSouth SPA DS0 Digital Data) service or on a DS1 (1.544 Mbps) channel with Clear Channel Capability to a Telephone Company Hub.

(2) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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ACCESS SERVICE

7- Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.11 Self-healing Rings

(A) Technical Specifications Packages

DS3 interface combinations and technical specifications are referenced in Bellcore TR-INS-000342.

DS1 interface combinations and technical specifications are referenced in Bellcore TR-NPL-000054.

7.2.12 Derived Data Channel (a.k.a. BellSouth SPA Derived Data Channel) Service <sup>(1)(2)</sup>

(N)

(A) Basic Service Description

DDCS (a.k.a. BellSouth SPA Derived Data Channel) provides full-duplex asynchronous or synchronous data transmission utilizing data over voice and subrate multiplexing technology. DDCS (a.k.a. BellSouth SPA Derived Data Channel) provides simultaneous data and voice transmissions over the customer's existing two-wire local exchange facility. A derived data channel (a.k.a. BellSouth SPA Derived Data Channel) is provided between the customer's premises and the customer's serving central office.

(1) Effective September 20, 2017, Derived Data Channel Service has limited availability; see Section 2.1.15.

(2) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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7- Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.12 Derived Data Channel<sup>(1)</sup> (a.k.a. BellSouth SPA Derived Data Channel Service) (Cont'd) (N)

(A) Basic Service Description (Cont'd)

At the customer's serving central office the data/voice terminating equipment provides subrate multiplexing of the data signals into a standard DS0-B interface for a group composed of a maximum of twenty derived data channels. The customer's derived data channel (a.k.a. BellSouth SPA Derived Data Channel) must be associated with a DS0-B Interface. This association requires coordination between the subscriber of the derived data channel (a.k.a. BellSouth SPA Derived Data Channel) and the subscriber of the DS0-B interface.

An interoffice channel is provided for interconnection of the subrate multiplexed DS0-B interface to the serving wire center of a customer designated terminating premises.

DACS is provided subject to the availability of appropriate network facilities and equipment and subject to the transmission limitations of the facilities and equipment used by the Company.

The customer will be responsible for selecting his own Customer Premises Equipment (CPE). CPE must be compatible with the Company provided terminating equipment at the serving wire center.

(B) Channel Interfaces

The following channel interface (CI) defines the bit rate that is available with DACS.

CI	Bit Rate
2DV5.BA	2.4 Kbps Digital Data Over Voice

Compatible channel interface specifications are contained in BellSouth Technical Reference Publication 73548 for the data/voice multiplexing equipment and BellSouth Technical Reference Publication 73548, Addendum 1, for access to the DS0-B interface.

(1) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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WIDEACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces

Channel interface codes (CIs) which are compatible are shown in the following Technical References for each category of service:

(A) Metallic <sup>(3)</sup> (a.k.a. BellSouth SPA Metallic)	TR-NPL-000336	(N)
(B) Telegraph Grade <sup>(3)</sup> (a.k.a. BellSouth SPA Telegraph)	TR-NPL-000336	(N)
(C) Voice Grade <sup>(3)</sup> (a.k.a. BellSouth SPA DSO VG)	TR-TSY-000335 MDP 326-584	(N)
(D) Program Audio <sup>(2)</sup> (a.k.a. BellSouth SPA Program Audio)	TR-NPL-000337	(N)
(E) Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) Service	TR-73608 (BellSouth)	
(F) Uncompressed Switched Video Service (a.k.a. BellSouth SPA Uncompressed Switched Video)	TR-73607 (BellSouth)	
(G) BellSouth SPA Modular Video Transport Service <sup>(1)</sup>	TR-73606 (BellSouth)	

(1) Effective August 25, 2011, BellSouth SPA Modular Video Transport Service is no longer available to new Customers. There is no change for existing customers.

(2) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after November 1, 2020.

(3) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.3 Channel Interface and Network Channel Codes (Cont'd)

7.3.5 Compatible Channel Interfaces (Cont'd)

- |   |   |     |
|---|---|-----|
| (H) Digital Data Access <sup>(3)</sup><br>(a.k.a. BellSouth SPA<br>DSO Digital Data)<br>For 2.4, 4.8, 9.6 & 56.0 kbps<br>For 19.2 kbps<br>For 64.0 kbps | TR-NWT-000341<br>BellCore MDP 326-726<br>INC Bulletin CB-INC-100<br>MDP-326-726 | (N) |
| (I) High Capacity (a.k.a. BellSouth<br>SPA High Capacity)   | TR-NPL-000054<br>TR-INS-000342  |     |
| (J) WATS Access Line <sup>(3)</sup> (a.k.a. BellSouth<br>SPA WATS Line)   | TR-NWT-000334   |     |

7.4 Rate Regulations

This section contains the specific regulations governing the rates and charges that apply for Special Access (a.k.a. BellSouth SPA) Service.

Effective November 1, 2017, Competitive Counties and Non-Competitive Counties have been established and are defined in Section 2.6 and the wire centers within such counties are listed in Sections 15.10.3 and 15.10.4.

For all rate elements other than End User channel terminations and their applicable optional features,<sup>(2)</sup> price flex rates and charges, as provided in Section 23.5.2, apply, regardless of whether the county is Competitive or Non-Competitive.

For End User channel terminations and their applicable optional features,<sup>(1)(2)</sup> the application of "price cap" or "price flex" is dependent upon whether or not the serving wire center is located in a Competitive County. If the End User channel termination is in a Competitive County, price flex rates and charges apply, as provided in Section 23.5.2. If the End User channel termination is in a Non-Competitive County, price cap rates and charges apply, as provided in Section 7.5.

(1) Until February 1, 2018, End User channel terminations and their applicable optional features that had not qualified for Phase II, Level 2 pricing flexibility prior to June 1, 2017, will be rated at the price cap rate regardless of the status of the county in which the applicable wire center is located.

(2) Optional features for End User channel terminations includes all optional features in Section 7.5, except for the Loop Transfer Arrangement and BellSouth SPA Customer Network Management (CNM) - FlexServ Service.

(3) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.1 Types of Rates and Charges

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

(A) Monthly Rates

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

(B) Daily Rates

Daily rates are flat recurring rates that apply to each 24 hour period or fraction thereof that a Program Audio<sup>(1)</sup> (a.k.a. BellSouth SPA Program Audio) or Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) Special Access Service is provided for part-time or occasional use. For purposes of applying daily rates, the 24 hour period is not limited to a calendar day.

Part-time or occasional Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video) or Program Audio<sup>(1)</sup> (a.k.a. BellSouth SPA Program Audio) service provided within a consecutive 30-day period will be charged the daily rate, not to exceed an amount equal to the monthly rate. For each subsequent day or part day, a charge equal to 1/30th of the monthly rate shall apply.

(1) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after November 1, 2020.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.1 Types of Rates and Charges (Cont'd)

(C) Nonrecurring Charges

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

The list below identifies the individual Special Access (a.k.a. BellSouth SPA) services provided under Section 7 of this Tariff which are eligible for Service Installation Guarantee credits as described in Section 2.4.9. These services are not eligible for the Service Installation Guarantee when the requested installation, move or rearrangement of service interval is four days or less, as measured from the application date of the service order.

Voice Grade<sup>(2)</sup> (a.k.a. BellSouth SPA DSO VG), (N)  
Program Audio<sup>(1)</sup> (a.k.a. BellSouth SPA Program Audio), (N)  
Digital Data Access Service<sup>(2)</sup> (a.k.a. BellSouth SPA DSO (N)  
Digital Data),  
High Capacity Service (a.k.a. BellSouth SPA High Capacity),  
Dry Fiber  
SMARTPath (a.k.a. BellSouth SPA DS1 Shared Ring) service,  
and  
SMARTPath DS3 Transport (a.k.a. BellSouth SPA DS3 Shared  
Ring) service

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

BellSouth SPA CNM - FlexServ Service  
Derived Data Channel<sup>(2)</sup> (a.k.a. BellSouth SPA Derived Data) (N)  
Channel service  
Video (a.k.a. BellSouth SPA Video) services

- (1) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after November 1, 2020. (N)
- (2) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024. (N)

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.1 Types of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

- If the change involves the disconnection of customer designated premises from an existing multipoint circuit resulting in a two-point circuit configuration, no charges will apply.
- If the change involves the addition of an optional feature or function which has a separate nonrecurring charge, that nonrecurring charge will apply.
- If the change involves the conversion, or rollover, of DS1 High Capacity (a.k.a. BellSouth SPA DS1) service to LightGate service (a.k.a. BellSouth SPA Point to Point Network), made at a customer's request, then a separate nonrecurring charge(s), as appropriate, will apply to update the Network Channel Interface (NCI) code associated with each Voice Grade<sup>(1)</sup> (a.k.a. BellSouth SPA DSO VG) and/or other sub-DS1 level circuit riding the channelized DS1 High Capacity (a.k.a. BellSouth SPA DS1) service(s) being rolled over. This charge will apply only where NCI code updates are requested by the customer. Payment of the nonrecurring charge(s) will be the responsibility of the customer who leases the channelized DS1 High Capacity (a.k.a. BellSouth SPA DS1) service(s) being rolled over. (N)
- If the change involves changing the type of signaling on a Voice Grade<sup>(1)</sup> (a.k.a. BellSouth SPA DSO VG) service, a charge equal to the Voice Grade (a.k.a. BellSouth SPA DSO VG) Local Channel rate element nonrecurring charge will apply. When more than one Local Channel with the same type of signaling has the same changes made at the same time between the same locations, for the same customer, the first Local Channel charge is billed at the First Service Installed charge and the other Local Channels are billed Additional Service Installed charges. These charges will apply per service termination affected. (N)
- If the change involves an existing Dry Fiber ICB arrangement scheduled to terminate on August 5, 1991, which converts to the standard tariffed dry fiber offering in compliance with the FCC's Memorandum Opinion and Order in FCC Docket 88-136, released July 19, 1991, associated nonrecurring charges will be waived provided that the customer's conversion request is received by August 5, 1991.

(1) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024. (N)



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7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.1 Types of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

- A prepayment credit as calculated below will be rendered to customers with rate stabilized arrangements for a DS3 ICB service or a dry fiber ICB service, upon conversion to standard tariff or discontinuance of the ICB arrangement, and subject to the following conditions. A prepayment is considered to have occurred when a customer's ICB nonrecurring charge is higher than the standard tariff nonrecurring charge and the ICB recurring rate is lower than the standard recurring rate. The prepayment credit will be developed by calculating the difference between the nonrecurring ICB charge and the standard corresponding nonrecurring charge(s). The amount will be reduced by the present worth of the monthly rate benefit received from the prepayment. The monthly it is the difference in monthly rates between standard tariff and the lower ICB rate for the number of months service was provided by the Company. A 12% interest rate will be utilized for developing the present worth factor.
- If the change involves changing a DS1 High Capacity (a.k.a. BellSouth SPA DS1) service routed through a customers normal serving wire center to a transmission path routed to an alternate serving wire center as described in 7.2.9(A) preceding, for DS1 Alternate Serving Wire Center, the change will be considered a disconnect of the existing service and full nonrecurring charges will apply for the alternately routed service.
- If the change involves a customer requested change of data transmission rate for an existing Digital Data Access<sup>(1)</sup> (a.k.a. BellSouth SPA DS0 Digital Data) Service circuit, the appropriate nonrecurring charge shall be the Speed Change Charge provided in 7.5.8.(C)(4). This charge shall apply per local channel on each circuit where the speed is requested to be changed. The existing circuit will experience out of service time when the speed change work is conducted. The telephone company will advise the customer the start time when the circuit will be out of service. After the work is completed, the telephone company will notify the customer. When customers choose this option, out of service credits specified in 2.4.4. will not apply. If a customer is not willing to experience out of service time, the request will be treated as a disconnect for the old circuit and a reconnect for the new circuit and full nonrecurring charges will apply. The customer shall specify the disconnect date for the circuit being replaced.

(N)

(1) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.2 Surcharge for Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

(E) Application of Rates (Cont'd)

(1) (Cont'd)

<u>Special Access Service</u>	<u>Voice Grade Equivalent</u>		<u>Surcharge</u>	<u>Monthly Charge</u>
Voice Grade <sup>(1)</sup> (a.k.a. BellSouth SPA DSO VG)	1	X	\$25.00	\$ 25.00
DS1	24	X	\$25.00	\$600.00

(N)

(2) In the case of multipoint Special Access (a.k.a. BellSouth SPA) service, one Special Access (a.k.a. BellSouth SPA) Surcharge will apply for each termination at a customer designated premises except that no surcharge applies at the customer designated premises at which the Access Service is connected to Interstate Service.

(3) The Telephone Company will bill the surcharge to the customer who orders the Special Access (a.k.a. BellSouth SPA) service unless the Service is exempt as set forth in Section 7.4.2(B). The rate for the Special Access (a.k.a. BellSouth SPA) Surcharge is set forth in Section 7.5.11.

7.4.3 Message Station Equipment Recovery Charge\*

The Message Station Equipment Recovery Charge is a charge to recover that portion of message station equipment that is assigned to Special Access (a.k.a. BellSouth SPA) service.

\* Effective June 1, 1986, Special Access (a.k.a. BellSouth SPA) Message Station Equipment Recovery charges apply to WATS Access Lines (a.k.a. BellSouth SPA WATS Lines). On that date, the Telephone Company will begin to bill such charges for Special Access (a.k.a. BellSouth SPA) facilities used for WATS Access Lines (a.k.a. BellSouth SPA WATS Lines) presently in service. Payment of any message Station Equipment Recovery Charge billed on Special Access (a.k.a. BellSouth SPA) facilities used for WATS Access Lines(a.k.a. BellSouth SPA WATS Lines) in service as of June 1, 1986, may be deferred, without penalty, for up to ninety (90) days from the date of the first bill rendered for such message Station Equipment Recovery Charge.

(1) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.3 Message Station Equipment Recovery Charge (Cont'd)

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

7.4.4 Minimum Periods

The minimum service period for all services is one month except as specified following. The minimum service period for part-time and occasional Broadcast Quality Video (a.k.a. BellSouth SPA Broadcast Quality Video), and Program Audio<sup>(1)</sup> (a.k.a. BellSouth SPA Program Audio) services is one day (i.e., a continuous 24-hour period, not limited to a calendar day). The minimum service period for ICB Services is specified in the Individual Case Basis Filing. The minimum service periods for LightGate service (a.k.a. BellSouth SPA Point to Point Network) are specified in 7.4.9 following. The minimum service period for DS1 Alternate Serving Wire Center Service is 12 months. The minimum service period for SMARTPath service (a.k.a. BellSouth SPA DS1 Shared Ring) is four months. The minimum service period for SMARTPath DS3 Transport (a.k.a. BellSouth SPA DS3 Shared Ring) service is 12 months.

(N)

(1) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after November 1, 2020.

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7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.6 Mileage Measurement (Cont'd)

Mileage is shown in 7.5 following in terms of mileage bands. To determine the rate to be billed, first compute the mileage using the V&H coordinates method, as set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. No. 4, then find the band into which the computed mileage falls and apply the rates shown for that band. When the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage band and applying the rates.

When Hubs are involved, either due to customer-specified bridging or channelization or for the specific provisioning of a service (e.g. for the specified provisioning of Digital Data<sup>(1)</sup> (a.k.a. BellSouth SPA DSO Digital Data) Access channels as set forth in Section 7.2.8), mileage is computed and rates applied separately for each section of the Interoffice Channel, i.e., customer designated premises serving wire center to Hub, Hub to Hub and/or Hub to customer designated premises serving wire center. Hubs are not utilized as interoffice channel mileage measurement points where the Telephone Company chooses to route the service through a Hub for other purposes.

(N)

(1) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.7 Facility Hubs

A customer has the option of ordering analog or digital high capacity facilities (i.e., Group, Supergroup, Mastergroup, DS1, DS1C, DS2, DS3, STS-1, OC-3, OC-12, OC-48, or OC-192) to a facility Hub for channelizing to individual services requiring lower capacity facilities (e.g., Digital Data Access<sup>(2)</sup> (a.k.a. BellSouth SPA DSO Digital Data) service, Voice<sup>(2)</sup> (a.k.a. BellSouth SPA DSO VG), Program Audio<sup>(1)</sup> (a.k.a. BellSouth SPA Program Audio), etc.).

(N)  
(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, INC. 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 higher to lower bandwidth
- from digital to voice frequency channels

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

The Telephone Company will commence billing the monthly rate for the facility to the Hub on the date specified by the customer on the service order. Individual services utilizing these facilities may be installed coincident with the installation of the facility to the Hub or may be ordered and/or installed at a later date, at the option of the customer. The customer will be billed for a Voice Grade or a high capacity analog or digital Local Channel, Interoffice Channel (when applicable) and the Basic Channelization System at the time the facility is installed. DS1 and DSO Basic Channelization Systems require a Central Office Channel Interface for activation of each lesser capacity channel. Individual service rates (by service type) will apply for a Local Channel, Central Office Channel Interface(s), and/or an additional Interoffice Channel (as required) for each channelized service. These will be billed to the customer as each individual service is installed.

(1) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

(2) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after November 1, 2020.

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7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.7 Facility Hubs (Cont'd)

Cascading channelization occurs when a high capacity (a.k.a. BellSouth SPA 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. For example, a Supergroup facility is channelized to five Group facilities and then one of the Group facilities is further channelized to individual Voice Grade (a.k.a. BellSouth SPA DSO VG) channels.

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 (a.k.a. BellSouth SPA DS1) Basic Channelization System and DDAS<sup>(2)</sup> (a.k.a. BellSouth SPA DSO Digital Data) Central Office Channel Interface are required for high speed or low speed DDAS<sup>(2)</sup> (a.k.a. BellSouth SPA DSO Digital Data) activations when channelized from a DS1 (1.544 Mbps) channel. A DSO 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 DSO<sup>(2)</sup> (64 Kbps) channel. When cascading channelization is performed at different Hubbing locations, Interoffice Channel charges also apply between the Hubs. (N)

Although not requiring channelization, the Telephone Company will designate certain Hubs for Program Audio<sup>(1)</sup> (a.k.a. BellSouth SPA Program Audio) service. A customer can order full-time and/or part-time service(s) between customer designated premises and a Hub and will be billed accordingly at the rates set forth in Section 7.5.4 for the full-time or part-time service, as appropriate. At the request of a customer, the full-time and/or part-time services provided to the Hub may be connected together in the following configurations: full-time to full-time, full-time to part-time or part-time to part-time. The customer will be charged for each such connection made at the rates for Other Labor as set forth in Section 13.2.6(C). The rates that apply for the service between each customer designated premises and the Hub are a Central Office Channel Interface, Local Channel, and Interoffice Channel, if applicable. In addition, rates for optional features and functions may be applicable. (N)

7.4.8 Shared Use Analog and Digital High Capacity (a.k.a. BellSouth SPA High Capacity) Services

Shared use occurs when Special Access (a.k.a. BellSouth SPA) service and BellSouth SWA service are provided over the same High Capacity (a.k.a. BellSouth SPA High Capacity) facilities through a common interface.

- (1) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after November 1, 2020.
- (2) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.12 BellSouth SPA Customer Network Management (CNM) - FlexServ Service  
(Cont'd)

(B) Application of Rates (Cont'd)

(3) BellSouth SPA CNM - FlexServ Service Options (Cont'd)

(g) Reconfigurations by the Telephone Company Personnel

A nonrecurring charge is applicable on each occasion, in 30-minute increments, when the customer requests Telephone Company personnel to perform a reconfiguration or a series of reconfigurations in order to set up point-to-point or multipoint connections, to provide a status report or to establish a conference.

(h) Additional Customer Training

Any additional training will incur a nonrecurring charge for each eight (8) hour day of training.

7.4.13 Voice Grade<sup>(1)</sup> (a.k.a. BellSouth SPA DS0 VG) Rate Stability Plan (N)

(A) Description

The Voice Grade (a.k.a. BellSouth SPA DS0 VG) Rate Stability Plan (Plan) will allow customers to stabilize their rates for Voice Grade (a.k.a. BellSouth SPA DS0 VG) special access local channels, and associated Voice Grade (a.k.a. BellSouth SPA DS0 VG) interoffice channels for a fixed service commitment period at the rates specified in 7.7.1(A) and (B), following. The Plan allows such customers to select a service commitment period in monthly intervals, with a minimum of 36 months, and a maximum of 60 months for which rates may be stabilized

In return for this assurance of rate stability, the customer guarantees a specified growth requirement for Voice Grade (a.k.a. BellSouth SPA DS0 VG) local channels as described in 7.4.13.2(A), following.

(1) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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ISSUED: NOVEMBER 5, 2019

EFFECTIVE: NOVEMBER 20, 2019

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.13 Voice Grade<sup>(1)</sup> (a.k.a. BellSouth SPA DSO VG) Rate Stability Plan (N)  
(Cont'd)

(A) Description (Cont'd)

The Plan is available only to customers who have requested the Plan prior to January 1, 1995 and who: (1) qualifies based upon the Plan's eligibility requirements; (2) agrees to the Plan's terms and conditions; and (3) pays the appropriate Plan rates and charges. Such customers may, at their option, convert to Voice Grade (a.k.a. BellSouth SPA DSO VG) service with an Area Commitment Plan (ACP) or a Channel Services Payment Plan (CSPP) as described in 7.4.21 following. Conversion may be made without any application of the termination liability charge as set forth in 7.4.13.5(B) following. Customers who choose to convert to an ACP or CSPP arrangement for Voice Grade (a.k.a. BellSouth SPA DSO VG) service must convert all existing service under the Plan at one time.

Customers who choose to remain on the Plan will retain their stabilized rates as set forth in 7.7.1 (A) and (B) following for the remainder of their fixed service commitment period under the Plan.

The stabilized rates for any customer electing the Plan will not be subject to any Company-initiated rate changes during the service commitment period selected by the customer.

(1) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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ISSUED: NOVEMBER 5, 2019

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.13 Voice Grade<sup>(1)</sup> (a.k.a. BellSouth SPA DSO VG) Rate Stability Plan (Cont'd) (N)

7.4.13.2 Rate Stability Plan Terms And Conditions (Cont'd)

(A) Growth Requirement (Cont'd)

on the anniversary of the date on which the customer advises the Telephone Company (by signing a written agreement) of his desire to participate in the Plan. For example, a customer with 1000 voice grade local channels who selects a 60 month service commitment period will have growth requirements as follows:

Anniversary of Year	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>
In-Service Quantity Gain	100	100	100	0	0
Percentage of Initial Quantity	110%	120%	130%	130%	130%
Total In-Service Quantity	1100	1200	1300	1300	1300

In the event that the growth requirement as set forth preceding is not met, a nonrecurring Local Channel Shortfall Charge as described in paragraph (B) following, will apply, except as specified in 7.4.13.5(D), following.

(B) Local Channel Shortfall Charge

On the twelve month, twenty four month, and thirty six month anniversaries of the service establishment date, the Telephone Company will review each rate stabilized customer's records to ascertain that the growth requirement has been met. On any subsequent anniversaries and at the end of the commitment period, the Telephone Company will review each rate-stabilized customer's records to ascertain that the guaranteed quantity is in service. In the event that a review indicates a shortfall exists between the in-service and guaranteed local channel quantities, a local channel shortfall charge will be assessed for each local channel comprising the deficit, except as specified in 7.4.13.5(D), following.

The Local Channel Shortfall charge is calculated by averaging the customer's applicable two-wire and four-wire Voice Grade (a.k.a. BellSouth SPA DSO VG) Local channel rate and multiplying the average rate by six.

(1) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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ISSUED: NOVEMBER 5, 2019

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.13 Voice Grade<sup>(1)</sup> Rate Stability Plan (Cont'd)

(N)

7.4.13.3 Rate Stability Plan Nonrecurring Charges

Nonrecurring charges for plan establishment apply for each local channel included in the Plan. There are two types of nonrecurring charges for plan establishment: (1) a conversion charge for existing local channels included in the Plan at the time of plan election; and (2) a stabilization charge applicable to new local channels, whether ordered at the time of plan election or ordered as subsequent coterminous additions to the Plan. This establishment charge applies in addition to all other applicable nonrecurring charges specified in 7.5.3(A) and (B), following. The nonrecurring charges for plan establishment are specified in 7.7.1(A) following.

7.4.13.4 Rate Stability Plan Services

The only services rate stabilized under this Plan are those identified as having Voice Grade (a.k.a. BellSouth SPA DSO VG) transmission capability within the analog 300 to 3000 Hz frequencies, as specified in 7.2.3(A), 7.2.3(B), preceding, and in Technical Publication TR-NWT-000335. The transmission interface specification may be either two-wire or four-wire.

7.4.13.5 Rate Stability Plan Application

(A) Rate Elements Stabilized

(1) Recurring Rates

The Voice Grade (a.k.a. BellSouth SPA DSO VG) Rate Stability Plan stabilizes the recurring rates for the Voice Grade (a.k.a. BellSouth SPA DSO VG) local channel and voice grade interoffice channel rate elements for the customer and its subsidiaries. The monthly recurring rates for these elements throughout the service commitment period will be the stabilized rates in 7.7.1(A) and (B) following, in effect on the appropriate plan establishment effective date. The Plan establishment effective date is the date on which the customer signs a written agreement for his initial order for rate-stabilized voice grade services, and otherwise meets the Plan's eligibility requirements.

(1) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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ISSUED: NOVEMBER 5, 2019

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.13 Voice Grade<sup>(1)</sup> (a.k.a. BellSouth SPA DSO VG) Rate Stability Plan  
(Cont'd)

(N)

7.4.13.5 Rate Stability Plan Application (Cont'd)

(A) Rate Elements Stabilized (Cont'd)

(1) Recurring Rates (Cont'd)

Different customers may have different plan establishment dates, and stabilized rates offered under this Plan may be different for the different Plan effective dates. However, each customer electing the Plan will have only one service plan establishment effective date, which will apply to all of the customer's rate elements subject to the Plan, whether those rate elements are existing and converted to the Plan, added at the time of plan establishment, or added at a later date during the rate stability service commitment period.

Prior to the expiration of a customer's commitment period, the existing commitment period may be replaced by a currently offered Voice Grade (a.k.a. BellSouth SPA DSO VG) Rate Stability Plan period, at the stabilized rates then in effect. A customer choosing a new commitment period will not incur termination liability charges if the length of the new commitment period is equal to or longer than the time remaining in the existing service agreement. However, one-half the nonrecurring conversion charge will apply for local channels converted to the new plan period. Billing for any services added to the Plan will be at the stabilized rate level. However, billing will not begin until the services are installed.

The Plan does not apply to the nonrecurring charges applicable for service installation. The charges specified in 7.5.3 (A) and (B), following will apply.

The Plan does not apply to the rates and charges for optional features and functions. Rates and charges specified in 7.5.3(C), following, apply for any optional features or functions required, whether existing or ordered at the time of plan election, or added at some future date.

(1) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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ISSUED: NOVEMBER 5, 2019

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.13 Voice Grade<sup>(1)</sup> (a.k.a. BellSouth SPA DSO VG) Rate Stability Plan (Cont'd) (N)

7.4.13.5 Rate Stability Plan Application (Cont'd)

(B) Termination Liability

A Termination Liability Charge shall apply to customers requesting complete termination of the Rate Stability Plan prior to the expiration of the selected service commitment period unless the customer has established a new plan as described in 7.4.13.5(A)(1), preceding or in 7.4.13.5(D), following. The Termination Liability Charge is calculated by multiplying the average of the two-wire and the four-wire Voice Grade (a.k.a. BellSouth SPA DSO VG) local channel rates in effect on the date the Plan was established by the guaranteed quantity as determined on the previous plan establishment anniversary date, times the number of whole months remaining in the selected service commitment period.

(C) Plan Expiration

At the end of the service commitment period, the customer may choose either of the following options: (1) on the expiration date of the initial service commitment period, the customer's rates for the services subject to the Plan will convert to the rates then in effect in 7.5.3(A) and (B), or (2) the customer may elect a new rate stability plan, subject to the terms and conditions then in effect for the Voice Grade (a.k.a. BellSouth SPA DSO VG) Rate Stability Plan. If the customer chooses to convert to a new rate stability plan, the new plan establishment effective date will be the day following the expiration date of the initial plan. Stabilized rates for the new plan will be the appropriate rates from 7.7.1, following, for the new plan establishment effective date. Option 1 will be the default in the event the customer does not notify the Company of its intentions prior to the Plan's expiration. No Termination Liability Charges will apply after expiration of the initial Plan, unless the customer has made those services subject to a new plan.

(D) Service Upgrades

Prior to the expiration of a customer's selected service commitment period, the customer may request service provided under the Rate Stability Plan to be upgraded to a higher order of service provided by the Company (i.e., digital services) under the terms of the Channel Services Payment Plan (CSPP) as stipulated in 2.4.8(A) preceding.

(1) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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ISSUED: NOVEMBER 5, 2019

EFFECTIVE: NOVEMBER 20, 2019

ACCESS SERVICE

7 - Special (a.k.a. BellSouth SPA) Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.13 Voice Grade<sup>(1)</sup> (a.k.a. BellSouth SPA DSO VG) Rate Stability Plan (Cont'd) (N)

7.4.13.5 Rate Stability Plan Application (Cont'd)

(D) Service Upgrades (Cont'd)

- (1) The customer may request that all service provided under the Rate Stability Plan be upgraded to a higher order of service. The Termination Liability Charge described in (B) preceding shall not apply for such service disconnects subject to all of the following conditions:
  - (a) The length of the payment period for the higher order of service shall be equal to the time that was remaining on the Rate Stability Plan or the minimum payment period available under CSPP, whichever is greater.
  - (b) The customer shall have six months from the time the initial request for service upgrade is made to place all orders to convert the Rate Stability Plan services to the desired higher order of service. This time period shall be referred to as the conversion period.
  - (c) During the conversion period, rates from the Rate Stability Plan shall continue to apply for the customer's Voice Grade (a.k.a. BellSouth SPA DSO VG) services. During the conversion period, the Growth Requirement and Local Channel Shortfall Charge will not apply.
  - (d) The service orders to install the new higher order of service and disconnect the old service are related together and received by the Telephone Company at the same time, and there is no lapse in service between installation of the higher order of service and disconnection of the existing service.
- (2) The customer may request that a portion of service provided under the Rate Stability Plan be upgraded to a higher order of service. The Termination Liability Charge described in (B) preceding shall not apply for such service disconnects subject to all of the following conditions:
  - (a) The length of the payment period for the higher order of service shall be equal to the time that was remaining on the Rate Stability Plan or the minimum payment period available under CSPP, whichever is greater.

(1) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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ISSUED: NOVEMBER 5, 2019

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.13 Voice Grade<sup>(1)</sup> (a.k.a. BellSouth SPA DSO VG) Rate Stability Plan (Cont'd) (N)

7.4.13.5 Rate Stability Plan Application (Cont'd)

(D) Service Upgrades (Cont'd)

(2) (Cont'd)

(b) The customer shall have six months from the time the initial request for service upgrade is made to place all orders to convert the Rate Stability Plan services to the desired higher order of service. This time period shall be referred to as the conversion period. At the end of the conversion period, Voice Grade (a.k.a. BellSouth SPA DSO VG) services not converting to a higher order of service shall be treated as follows:

- If the total quantity of Voice Grade (a.k.a. BellSouth SPA DSO VG) service to remain still meets the minimum originally established to qualify for the Rate Stability Plan, such service shall remain under the existing Rate Stability Plan.
- If the total quantity of Voice Grade (a.k.a. BellSouth SPA DSO VG) service to remain does not meet the minimum originally established for the Rate Stability Plan but does meet the minimum criteria stated in this tariff to establish a new Rate Stability Plan, such service may be converted to a new Rate Stability Plan at the end of the conversion period without Termination Liability Charge from the prior plan and shall not incur any nonrecurring charges for the establishment of the new plan. During the conversion period, the Growth Requirement and Local Channel Shortfall Charge shall not apply for the original plan.

(1) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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ISSUED: NOVEMBER 5, 2019

EFFECTIVE: NOVEMBER 20, 2019

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.13 Voice Grade<sup>(1)</sup> (a.k.a. BellSouth SPA DS0) Rate Stability Plan (Cont'd) (N)

7.4.13.5 Rate Stability Plan Application (Cont'd)

(D) Service Upgrades (Cont'd)

(2) (Cont'd)

(b) (Cont'd)

- If the total quantity of Voice Grade (a.k.a. BellSouth SPA DS0) service to remain does not meet the minimum originally established to qualify for the Rate Stability Plan and does not meet the minimum to establish a new Rate Stability Plan for such service, the Voice Grade services not converted to a higher order service shall revert to the existing month-to-month rate for such Voice Grade services at the end of the conversion period. During the conversion period, the Growth Requirement and Local Channel Shortfall Charge shall not apply for the original plan.

- (c) The service orders to install the new higher order of service and disconnect the old service are related and received by the Telephone Company at the same time, and there is no lapse in service between installation of the higher order of service and disconnection of the existing service.

(1) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.14 Digital Data Access Service<sup>(1)</sup> (a.k.a. BellSouth SPA DSO Digital Data) (N)

Monthly rates and nonrecurring charges as specified in 7.5.8 following apply for Digital Data Access Service (a.k.a. BellSouth SPA DSO Digital Data).

DDAS (a.k.a. BellSouth SPA DSO Digital Data) is available under several payment plans: Month-to-Month (with a minimum of one month), Plan A (24-48 Months) or Plan B (49-72 Months). Plans A and B are provided under conditions specified in the Channel Services Payment Plan (CSPP), 2.4.8(A) preceding, except as modified following:

(1) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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ISSUED: NOVEMBER 5, 2019

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.14 Digital Data Access Service<sup>(1)</sup> (a.k.a. BellSouth SPA DSO Digital Data) (N)  
(Cont'd)

- (A) A termination liability charge will be applicable if services provided under a CSPP arrangement are disconnected prior to the end of the chosen service period. The termination charge is equal to the applicable rate per rate element for the current time the CSPP contract has been in effect and the minimum contract length multiplied times a factor. The factor is 50 percent for contracts that have been in effect twelve months or less, or 20 percent for contracts that have been in effect longer than twelve months.
- (B) No charges apply for the conversion of existing DDAS (a.k.a. BellSouth SPA DSO Digital Data) under a month-to-month payment plan to a CSPP Arrangement.
- (C) Plan C offered under the CSPP arrangement, as specified in 2.4.8(A) preceding, is not available for DDAS (a.k.a. BellSouth SPA DSO Digital Data).
- (D) In order to accommodate more flexible customer situations, certain elements of Digital Data Access Service (a.k.a. BellSouth SPA DSO Digital Data) are available under an Area Commitment Plan (ACP) as described in 2.4.8(B) preceding. The ACP commitment for DDAS (a.k.a. BellSouth SPA DSO Digital Data) is made based on a commitment level of lowspeed and a commitment level of highspeed local channels and interoffice channel miles. The DDAS (a.k.a. BellSouth SPA DSO Digital Data) Interoffice Channel - Fixed rate element will receive the same rate treatment for credits and shortfall charges as long as the associated circuit mileage qualifies under the ACP. The ACP A and ACP B rates for DDAS (a.k.a. BellSouth SPA DSO Digital Data) are the same as the CSPP Plan A and Plan B rates.

7.4.15 DS1 High Capacity (a.k.a. BellSouth SPA DS1) Service

Monthly rates and nonrecurring charges as specified in 7.5.9 following apply for DS1 High Capacity (a.k.a. BellSouth SPA DS1) service.

DS1 High Capacity (a.k.a. BellSouth SPA DS1) service is available under several payment plans: Month-to-month (with a minimum of one month), Plan A (24-48 Months) or Plan B (49-72 Months). Plans A and B are provided under conditions specified in the Channel Services Payment Plan (CSPP), 2.4.8(A) preceding, except as modified following:

(1) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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ISSUED: NOVEMBER 5, 2019

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.17 Derived Data Channel Service<sup>(1)</sup> (DDCS)

(N)

(A) Rate Regulations

The derived data channel charges provide the central office data/voice multiplexing capability. The customer must also subscribe to a compatible two-wire local exchange line (e.g., business exchange line). This two-wire exchange line and its associated rates and charges are in addition to the derived data channel rates and charges.

The DSO-B interface charge is applicable for each group of a maximum of twenty multiplexed derived data channels. Each of the twenty channels in a DSO-B interface channel group operates at a bit rate of 2.4 Kbps. An interoffice channel is required when the customer's serving wire center and the serving wire center of the customer's terminating premises are not the same.

Monthly rates and nonrecurring charges specified in 7.5 following apply for DDCS.

DDCS is available under several payment plans: Month-to-month (with a minimum of one month), Plan A (24-48 Months) or Plan B (49-72 Months). Plans A and B are provided under conditions specified in the Channel Services Payment Plan (CSPP), 2.4.8(A) preceding, except as modified following:

1. A termination liability charge will be applicable if services provided under a CSPP arrangement are disconnected prior to the end of the chosen service period. The applicable charge is equal to the number of months remaining in the rate stabilized service period times 60% of the monthly rates for DDCS services provided under the CSPP arrangement.
2. No charges apply for the conversion of existing DDCS under a month-to-month payment plan to a CSPP arrangement.
3. Plan C offered under the CSPP arrangement, as specified in 2.4.8(A) preceding, is not available for DDCS.

(1) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

(N)

(N)

ISSUED: NOVEMBER 5, 2019

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.20 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service<sup>(1)(2)</sup>

(N)

Monthly rates and nonrecurring charges as specified in 7.5.3 following apply for Voice Grade (a.k.a. BellSouth SPA DSO VG) service.

Voice Grade (a.k.a. BellSouth SPA DSO VG) service is available under several payment plans: Voice Grade (a.k.a. BellSouth SPA DSO VG) Rate Stability Plan (with a minimum of 36 months and a maximum of 60 months), Month-to-month (with a minimum of one month), Plan A (24-48 Months) or Plan B (49-72 Months). The Voice Grade (a.k.a. BellSouth SPA DSO VG) Rate Stability Plan is provided as outlined in 7.4.13 preceding. Plans A and B are provided under conditions specified in the Channel Services Payment Plan (CSPP), 2.4.8(A) preceding, except as modified following:

(1) Effective November 5, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available.

(2) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

(N)

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ISSUED: NOVEMBER 5, 2019

EFFECTIVE: NOVEMBER 20, 2019

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.5 Rates and Charges

Rates and charges for Special Access Service <sup>(1)(2)(3)</sup>

Effective November 1, 2017, all rate elements, other than End User channel terminations and their applicable optional features<sup>(5)</sup> in Non-Competitive Counties, are no longer available from Section 7.5 for new service subscriptions.<sup>(4)</sup> The application of rates and charges for Special Access services is based upon the county classification as Competitive or Non-Competitive, as provided in Section 7.4. A list of Competitive and Non-Competitive Counties is located in Sections 15.10.3 and 15.10.4.

7.5.1 Metallic (a.k.a. BellSouth SPA Metallic) Service<sup>(6)</sup>

(N)

ALL STATES

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
			<u>First Service Installed</u>	<u>Additional Service Installed</u>
(A) Local Channel - Per Local Channel	T6ECS	\$37.50	\$287.03	\$109.05
(B) Interoffice Channel				

<u>Mileage Bands</u>	<u>USOC</u>	<u>Monthly Rates</u>		<u>Nonrecurring Charges</u>
		<u>Fixed</u>	<u>Per Mile</u>	
0	1L5XX	None	None	None
Over 0 to 4	1L5XX	\$ 0	\$11.90	\$84.28
Over 4 to 8	1L5XX	\$ 0	\$11.90	\$84.28
Over 8 to 25	1L5XX	\$ 0	\$11.90	\$84.28
Over 25 to 50	1L5XX	\$ 0	\$11.90	\$84.28
Over 50	1L5XX	\$ 0	\$11.90	\$84.28

- (1) Effective on September 13, 2017, CSPPs greater than 36-months are no longer available for High Capacity (a.k.a. BellSouth SPA High Capacity DS1 (a.k.a. BellSouth SPA DS1)) service and SMARTPath Service (a.k.a. BellSouth SPA DS1 Shared Ring), and CSPPs are no longer available for Metallic (a.k.a. BellSouth SPA Metallic), Telegraph Grade (a.k.a. BellSouth SPA Telegraph), Voice Grade (a.k.a. BellSouth SPA VG), WATS Access Line (WAL) (a.k.a. BellSouth SPA WATS Lines), Derived Data Channel (a.k.a. BellSouth SPA Derived Data Channel), Digital Data Access Service (a.k.a. BellSouth SPA DSO Digital Data) and BellSouth SPA Customer Network Management (CNM) - FlexServ Service, including for any otherwise available renewals or conversions. Circuits already subject to a CSPP, as of September 13, 2017, will continue to be provided under the then-current CSPP term for the remainder of that term.
- (2) Effective on September 13, 2017, ACPs greater than 36-months for special access services are no longer available, including for any otherwise available conversions. Circuits already subject to an ACP greater than 36-months, as of September 13, 2017, will continue to be provided under the then-current ACP term for the remainder of that term.
- (3) Effective on September 13, 2017, TPPs greater than 36-months are no longer available for LightGate (a.k.a. BellSouth SPA Point to Point Network) service and BellSouth DS1 Diverse service, including for any otherwise available renewals, extensions or conversions. Circuits already subject to a TPP greater than 36-months, as of September 13, 2017, will continue to be provided under the then-current TPP term for the remainder of that term.
- (4) Until February 1, 2018, End User channel terminations and their applicable optional features that had not qualified for Phase II, Level 2 pricing flexibility prior to June 1, 2017, will be rated at the price cap rate regardless of the status of the county in which the applicable wire center is located.
- (5) Optional features for End User channel terminations includes all optional features in Section 7.5, except for the Loop Transfer Arrangement and BellSouth SPA Customer Network Management (CNM) - FlexServ Service.
- (6) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.1 Metallic (a.k.a. BellSouth SPA Metallic) Service<sup>(1)</sup> (Cont'd)

(N)

ALL STATES

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(C) Optional Features and Functions			
(1) Bridging			
(a) Three Premises Bridging			
- Per port	BCNM3	\$ *	\$14.58
(b) Series Bridging			
- Per port	BCNMS	\$ *	\$14.58
(D) Manual Update NCI Code			
- Per circuit rolled over from 1.544 Mbps to 44.736 Mbps High Capacity Service	RDG	None	\$104.98
(E) Mechanized NCI Code Update			
- Per circuit per tape	NRBU1	None	\$51.96
- Processing charge per tape file run	NRBU2	None	\$861.46
(F) Shared Network Arrangement			
- Coordination Charge Per Arrangement	NRBSN	None	\$ 0.00
- Processing Charge Per Service Order	ORC	None	\$ 0.00

\*Service Provided Upon Request (SPUR) in all nine states.

(1) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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ISSUED: NOVEMBER 5, 2019

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.2 Telegraph Grade (a.k.a. BellSouth SPA Telegraph) Service<sup>(1)</sup>

(N)

ALL STATES

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u> <u>First Service Installed</u>	<u>Additional Service Installed</u>
(A) Local Channel				
- Per Local Channel				
- Two-Wire	T6E2X	\$40.00	\$294.50	\$114.54
- Four-Wire	T6E4X	\$55.00	\$299.66	\$118.35

(B) Interoffice Channel

<u>Mileage Bands</u>	<u>USOC</u>	<u>Monthly Rates</u>		<u>Nonrecurring Charges</u>
		<u>Fixed</u>	<u>Per Mile</u>	
0	1L5XX	None	None	None
Over 0 to 4	1L5XX	\$ 0	\$4.71	\$83.02
Over 4 to 8	1L5XX	\$ 2.48	\$4.71	\$83.02
Over 8 to 25	1L5XX	\$ 4.95	\$4.71	\$83.02
Over 25 to 50	1L5XX	\$ 7.44	\$4.71	\$83.02
Over 50	1L5XX	\$ 9.92	\$4.71	\$83.02

(C) Optional Features and Functions

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(1) Telegraph Bridging			
- Per port			
- Two-Wire	BCNT2	\$1.40	\$12.12
- Four-Wire	BCNT4	\$1.40	\$12.12

(1) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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ISSUED: NOVEMBER 5, 2019

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.2 Telegraph Grade (a.k.a. BellSouth SPA Telegraph) Service<sup>(1)</sup> (Cont'd) (N)

ALL STATES

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(D) Manual Update NCI Code - Per circuit rolled over from 1.544 Mbps to 44.736 Mbps High Capacity (a.k.a. BellSouth SPA High Capacity) Service	RDG	None	\$104.98
(E) Mechanized NCI Code Update - Per circuit per tape	NRBU1	None	\$51.96
- Processing charge per tape file run	NRBU2	None	\$861.46
(F) Shared Network Arrangement - Coordination Charge Per Arrangement	NRBSN	None	\$ 0.00
- Processing Charge Per Service Order	ORC	None	\$ 0.00

(1) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service<sup>(1)(2)(3)</sup>

(N)

<u>ALL STATES</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>		<u>USOC</u>
		<u>First Service Installed</u>	<u>Additional Service Installed</u>	
(A) Local Channel				
- Per Local Channel				
- Two-Wire	\$45.00	\$365.00	\$119.49	T6E2X
- Four-Wire	\$65.00	\$270.00	\$125.19	T6E4X
		<u>Per Month Rates</u>		
		<u>Plan A<sup>(2)</sup></u>	<u>Plan B</u>	<u>USOC</u>
		<u>24-48 Months</u>	<u>49-72 Months</u>	
Channel Services Payment Plan				
- Two-Wire		\$29.00	\$27.50	T6E2X
- Four-Wire		\$44.00	\$39.15	T6E4X
Area Commitment Plan				
- Two-Wire		\$29.00	\$27.50	T6E2X
- Four-Wire		\$44.00	\$39.15	T6E4X
	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>		<u>USOC</u>
(B) Interoffice Channel				
- Fixed	\$27.00		\$110.00	1L5XX
- Per Mile	\$ 1.70		N/A	1L5XX
		<u>Per Month Rates</u>		
		<u>Plan A<sup>(2)</sup></u>	<u>Plan B</u>	<u>USOC</u>
		<u>24-48 Months</u>	<u>49-72 Months</u>	
Channel Services Payment Plan				
- Fixed		\$22.00	\$19.00	1L5XX
- Per Mile		\$ 1.25	\$ 0.94	1L5XX
Area Commitment Plan				
- Fixed		\$22.00	\$19.00	1L5XX
- Per Mile		\$ 1.25	\$ 0.94	1L5XX
		<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	<u>USOC</u>
(C) Optional Features and Functions				
- Bridging – Per Port				
- Two-Wire		\$8.00	\$52.00	BCNV2
- Four-Wire		\$10.00	\$52.00	BCMV4

(1) Rates and charges for the Voice Grade (a.k.a. BellSouth SPA DSO VG) Rate Stability Plan appear in 7.7.1 following.

(2) Effective November 5, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available.

(3) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service<sup>(1)(2)</sup> (Cont'd) (N)

ALL STATES (Cont'd)

(C) Optional Features and Functions (Cont'd)	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
(1) Bridging (Cont'd)				
(a) <u>Data Bridging</u>				
Two-Wire/Four-Wire				
- Per Port				
- Two-Wire	BCND2	\$15.00	\$52.00	
- Four-Wire	BCND4	\$13.00	\$52.00	
(b) <u>Telephoto Bridging</u>				
Two-Wire/Four-Wire				
- Per Port				
- Two-Wire	BCNF2	\$ 8.00	\$52.00	
- Four-Wire	BCNF4	\$10.00	\$52.00	
	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
			<u>Initial</u>	<u>Subsequent</u>
(2) Conditioning				
- Per Local Channel				
C - Type	X1CPT	\$3.00	\$17.41	\$110.00
Improved Attenuation				
Distortion	UHW	\$0.00	\$ 0.00	\$186.55
Improved Envelope				
Delay Distortion				
With Improved				
Attenuation				
Distortion	UHY	\$16.00	\$69.05	\$186.55
Sealing Current	1HBPT	\$ .95	None	None

(1) Effective November 5, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available.

(2) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service<sup>(1)(2)</sup> (Cont'd) (N)

ALL STATES (Cont'd)

(C) Optional Features and Functions (Cont'd)	USOC	Monthly Rates	Nonrecurring Charges	
			Initial	Subsequent
(3) Echo Control for Effective Two-Wire Service Per Local Channel				
- Improved Return Loss At the Two-Wire Point of Termination	1RL2W	\$ 8.00	\$49.88	\$369.30
- ELEPL2 At the Four-Wire Point of Termination	UHZ	\$20.00	\$32.19	\$120.00
(4) Customer Specified Receive Level				
- Per Local Channel	RLS	\$12.35	\$ 0.00	\$110.00
(5) D-Conditioning				
- Per Local Channel	XDCPT	\$ 1.90	\$ 5.40	\$357.66
(6) Telephoto Conditioning				
- Per Local Channel	XTCPT	\$ 4.00	\$ 4.43	\$332.56
(7) Signaling Capability				
- Per Local Channel				
- Loop	XSS++*	\$ 6.00	\$ 5.43	\$318.41
- Single Frequency	XSSSF	\$ 7.00	\$15.00	\$318.58
- E&M	XSS++**	\$15.00	\$15.00	\$329.97
- Ground	XSS+****	\$ 6.00	\$ 5.40	\$306.32
- Other	XSS+*****	\$12.00	\$ 5.39	\$316.94

- \* In lieu of ++ substitute LO or LS as appropriate.
- \*\* In lieu of ++ substitute EA, EB, EC or CT as appropriate.
- \*\*\* In lieu of ++ substitute GO or GS as appropriate.
- \*\*\*\* In lieu of ++ substitute LA, LB, LC, LR, RV, DX, DY, EX, AB or AC as appropriate.

(1) Effective November 5, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available.

(2) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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ISSUED: NOVEMBER 5, 2019

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service<sup>(1)(2)</sup> (Cont'd) (N)

ALL STATES (Cont'd)

(C) Optional Features and Functions (Cont'd)	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
			<u>Initial</u>	<u>Subsequent</u>
(8) Improved Termination - Per Local Channel	UGD	\$6.00	\$4.50	\$319.11
(9) Simplex Reversal - Per Local Channel	UGJ	None	None	None
		<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(D) Manual Update NCI Code				
- Per circuit rolled over from 1.544 Mbps to 44.736 Mbps High Capacity Service		RDG	None	\$104.98
(E) Reserved for Future Use				

(1) Effective November 5, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available.

(2) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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ISSUED: NOVEMBER 5, 2019

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service<sup>(1)(2)</sup> (Cont'd) (N)

ALL STATES (Cont'd)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(F) Mechanized NCI Code Update			
- Per circuit per tape	NRBU1	None	\$ 51.96
- Processing charge per tape file run	NRBU2	None	\$861.46
(G) Reserved for Future Use			

(1) Effective November 5, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available.

(2) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service<sup>(1)(2)</sup> (Cont'd) (N)

ALL STATES (Cont'd)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(H) Reserved for Future Use			
(I) Shared Network Arrangement			
- Coordination Charge Per Arrangement	NRBSN	None	\$ 0.00
- Processing Charge Per Service Order	ORC	None	\$ 0.00

(1) Effective November 5, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available.

(2) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service<sup>(1)(2)</sup> (Cont'd)

(N)

7.5.3.1 WATS Access Line (a.k.a. BellSouth SPA WATS Line) Service<sup>(2)</sup>

<u>ALL STATES</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>		<u>USOC</u>
		<u>First Service Installed</u>	<u>Additional Service Installed</u>	
(A) Local Channel				
- Per Local Channel				
- Two-Wire	\$50.00	\$345.00	\$121.22	X2L <sup>1</sup> , X2W
- Four-Wire	\$70.00	\$375.00	\$127.87	X4L <sup>1</sup> , X4W
<u>Per Month Rates</u>				
		CSPP <sup>c</sup>	ACP <sup>c</sup>	<u>USOC</u>
Plan A (24-48 Months)				
- Two-Wire		\$29.00	\$29.00	X2L <sup>1</sup> , X2W
- Four-Wire		\$45.00	\$45.00	X4L <sup>1</sup> , X4W
Plan B (49-72 Months)				
- Two-Wire		\$27.50	\$27.50	X2L <sup>1</sup> , X2W
- Four-Wire		\$42.50	\$42.50	X4L <sup>1</sup> , X4W
		<u>Monthly Rates</u>	<u>Nonrecurring Charge</u>	<u>USOC</u>
(B) Interoffice Channel for WATS Access Line (a.k.a. BellSouth SPA WATS Line) Extension				
- Fixed		\$35.00	\$89.00	1LFFX
- Per Mile		\$2.00	N/A	1LFFX
	<u>Vintage CSPP<sup>c</sup></u>	<u>Per Month Rates</u>		<u>USOC</u>
		<u>CSPP<sup>c</sup></u>	<u>ACP<sup>c</sup></u>	
Plan A (24-48 Months)				
- Fixed	N/A	\$29.00	\$29.00	1LFFX
- Per Mile	N/A	\$ 1.70	\$ 1.70	1LFFX
Plan B (49-72 Months)				
- Fixed	N/A	\$27.40	\$27.40	1LFFX
- Per Mile	N/A	\$ 1.60	\$ 1.60	1LFFX

(C) Optional Features and Functions

	<u>Nonrecurring Charges</u>		<u>Monthly Rate</u>	<u>USOC</u>
	<u>Initial</u>	<u>Subsequent</u>		
(1) Improved two-wire Voice Transmission specifications for two-wire WATS Access Line	\$25.00	\$95.77	\$6.00	X2T

Note 1: For use with Direct Inward Dial (DDD) or DID/DOD Access service with BSA for use with WATS Access Lines (a.k.a. BellSouth SPA WATS Line) described in Section 6.3.3(A)(10) and provided in Section 6.8.2(D) of this tariff.

Note 2: Channel Services Payment Plan (CSPP) and Area Commitment Plan (ACP) rates.

(1) Effective November 5, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available.

(2) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Voice Grade (a.k.a. BellSouth SPA DSO VG) Service<sup>(1)(2)</sup> (Cont'd)

(N)

7.5.3.1 WATS Access Line (a.k.a. BellSouth SPA WATS Line) Service<sup>(2)</sup>

ALL STATES (Cont'd)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(C) Optional Features and Functions (Cont'd)			
(2) WATS Access Line (a.k.a. BellSouth SPA WATS Line) Bridging			
Two-Wire/Four-Wire			
- Per Port			
- Two-Wire	BCNV2	\$ 8.00	\$52.00
- Four-Wire	BCNV4	\$10.00	\$52.00

(D) Shared Network Arrangement

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
- coordination charge per arrangement	NRBSN	None	\$ 0.00
- processing charge per service order	ORC	None	\$ 0.00

(1) Effective November 5, 2016, Voice Grade (a.k.a. BellSouth SPA DSO VG) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available.

(2) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.4 Program Audio (a.k.a. BellSouth SPA Program Audio) Service<sup>(1)(2)</sup>

(N)

7.5.4.1 Monthly Rates and Charges

ALL STATES

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
			<u>First Service Installed</u>	<u>Additional Service Installed</u>
(A) Local Channel				
- Per Local Channel				
- 200 to 3500 Hz	T6ECS	\$ 25.78	\$345.89	\$135.65
- 100 to 5000 Hz	T6ECS	\$ 39.20	\$380.73	\$169.79
- 50 to 8000 Hz	T6ECS	\$ 39.69	\$406.23	\$176.70
- 50 TO 15000 Hz	T6ECS	\$ 85.26	\$444.64	\$206.87

	<u>USOC</u>	<u>Monthly Rates</u>		<u>Nonrecurring Charges</u>
		<u>Fixed</u>	<u>Per Mile</u>	
(B) Interoffice Channel				
(1) 200 to 3500 Hz				
<u>Mileage Bands</u>				
0	1L5XX	None	None	None
Over 0 to 4	1L5XX	\$18.00	\$.88	\$85.53
Over 4 to 8	1L5XX	\$18.00	\$.88	\$85.53
Over 8 to 25	1L5XX	\$18.00	\$.88	\$85.53
Over 25 to 50	1L5XX	\$18.00	\$.88	\$85.53
Over 50	1L5XX	\$18.00	\$.88	\$85.53
(2) 100 to 5000 Hz				
<u>Mileage Bands</u>				
0	1L5XX	None	None	None
Over 0 to 4	1L5XX	\$25.00	\$.98	\$93.07
Over 4 to 8	1L5XX	\$25.00	\$.98	\$93.07
Over 8 to 25	1L5XX	\$25.00	\$.98	\$93.07
Over 25 to 50	1L5XX	\$25.00	\$.98	\$93.07
Over 50	1L5XX	\$25.00	\$.98	\$93.07

(1) Effective November 5, 2016, Program Audio (a.k.a. BellSouth SPA Program Audio) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available.

(2) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after November 1, 2020.

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ISSUED: NOVEMBER 5, 2019

EFFECTIVE: NOVEMBER 20, 2019

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.4 Program Audio (a.k.a. BellSouth SPA Program Audio) Service<sup>(1)(2)</sup> (Cont'd) (N)

7.5.4.1 Monthly Rates and Charges (Cont'd)

(B) Interoffice Channel (Cont'd)

ALL STATES (Cont'd)

(3) 50 to 8000 Hz Mileage Bands	USOC	Monthly Rates		Nonrecurring Charges
		Fixed	Per Mile	
0	1L5XX	None	None	None
Over 0 to 4	1L5XX	\$ 36.00	\$ 1.96	\$ 98.97
Over 4 to 8	1L5XX	\$ 36.00	\$ .98	\$ 98.97
Over 8 to 25	1L5XX	\$ 36.00	\$ .98	\$ 98.97
Over 25 to 50	1L5XX	\$ 36.00	\$ .98	\$ 98.97
Over 50	1L5XX	\$ 36.00	\$ .98	\$ 98.97

(4) 50 to 15000 Hz Mileage Bands				
0	1L5XX	None	None	None
Over 0 to 4	1L5XX	\$115.00	\$ .98	\$151.24
Over 4 to 8	1L5XX	\$115.00	\$ .98	\$151.24
Over 8 to 25	1L5XX	\$115.00	\$ .98	\$151.24
Over 25 to 50	1L5XX	\$115.00	\$ .98	\$151.24
Over 50	1L5XX	\$115.00	\$ .98	\$151.24

(C) Optional Features and Functions	USOC	Monthly Rates	Nonrecurring Charges	
			Initial	Subsequent
(1) Bridging (Distribution) Amplifier - Per port	BCNPT	\$ 3.00		\$14.58
(2) Gain Conditioning - Per service	XGC	None	\$25.15	\$75.36
(3) Stereo - Per service	XSC	None	None	None

(1) Effective November 5, 2016, Program Audio (a.k.a. BellSouth SPA Program Audio) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available.

(2) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after November 1, 2020.

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ISSUED: NOVEMBER 5, 2019

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.4 Program Audio (a.k.a. BellSouth SPA Program Audio) Service<sup>(1)(2)</sup> (Cont'd) (N)

7.5.4.1 Monthly Rates and Charges (Cont'd)

ALL STATES (Cont'd)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(D) Manual Update NCI Code			
- Per circuit rolled over from 1.544 Mbps to 44.736 Mbps High Capacity Service (a.k.a. BellSouth SPA High Capacity)	RDG	None	\$104.98
(E) Mechanized NCI Code Update			
- Per circuit per tape	NRBU1	None	\$51.96
- Processing charge per tape file run	NRBU2	None	\$861.46
(F) Shared Network Arrangement			
- Coordination charge per arrangement	NRBSN	None	\$ 0.00
- Processing charge per service order	ORC	None	\$ 0.00

(1) Effective November 5, 2016, Program Audio (a.k.a. BellSouth SPA Program Audio) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available.

(2) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after November 1, 2020.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.4 Program Audio (a.k.a. BellSouth SPA Program Audio) Service<sup>(1)(2)</sup> (Cont'd) (N)

7.5.4.2 Daily Rates and Charges

ALL STATES

Nonrecurring Charges

(A) Local Channel	USOC	Daily*	First	Additional
		Rates	Service	Service
- Per Local Channel			Installed	Installed
- 200 to 3500 Hz	T6ECS	\$3.91	\$356.05	\$139.83
- 100 to 5000 Hz	T6ECS	\$4.77	\$398.57	\$174.12
- 50 to 8000 Hz	T6ECS	\$5.07	\$407.17	\$180.96
- 50 to 15000 Hz	T6ECS	\$9.50	\$442.01	\$211.42

  

(B) Interoffice Channel	USOC	Daily Rates*		Nonrecurring
		Fixed	Per Mile	
(1) 200 to 3500 Hz				
<u>Mileage Bands</u>				
0	1L5XX	None	None	None
Over 0 to 4	1L5XX	\$0.99	\$0.22	\$85.93
Over 4 to 8	1L5XX	\$1.25	\$0.22	\$85.93
Over 8 to 25	1L5XX	\$1.50	\$0.22	\$85.93
Over 25 to 50	1L5XX	\$1.75	\$0.22	\$85.93
Over 50	1L5XX	\$2.01	\$0.22	\$85.93
(2) 100 to 5000 Hz				
<u>Mileage Bands</u>				
0	1L5XX	None	None	None
Over 0 to 4	1L5XX	\$1.30	\$0.36	\$94.00
Over 4 to 8	1L5XX	\$1.63	\$0.36	\$94.00
Over 8 to 25	1L5XX	\$1.96	\$0.36	\$94.00
Over 25 to 50	1L5XX	\$2.29	\$0.36	\$94.00
Over 50	1L5XX	\$2.62	\$0.36	\$94.00

\*Daily rates will be topped and maximum rate derived as set forth in 7.4.1.(B) preceding.

(1) Effective November 5, 2016, Program Audio (a.k.a. BellSouth SPA Program Audio) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available.

(2) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after November 1, 2020.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.4 Program Audio (a.k.a. BellSouth SPA Program Audio) Service<sup>(1)(2)</sup> (Cont'd) (N)

7.5.4.2 Daily Rates and Charges (Cont'd)

		<u>ALL STATES</u> (Cont'd)		
		<u>Daily Rates*</u>		<u>Nonrecurring</u>
	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>	<u>Charges</u>
(B) Interoffice Channel (Cont'd)				
(3) 50 to 8000 Hz				
	<u>Mileage Bands</u>			
	0	1L5XX	None	None
	Over 0 to 4	1L5XX	\$ 1.35	\$ 99.77
	Over 4 to 8	1L5XX	\$ 1.67	\$ 99.77
	Over 8 to 25	1L5XX	\$ 2.02	\$ 99.77
	Over 25 to 50	1L5XX	\$ 2.33	\$ 99.77
	Over 50	1L5XX	\$ 2.66	\$ 99.77
(4) 50 to 15000 Hz				
	<u>Mileage Bands</u>			
	0	1L5XX	None	None
	Over 0 to 4	1L5XX	\$ 4.25	\$155.03
	Over 4 to 8	1L5XX	\$ 5.54	\$155.03
	Over 8 to 25	1L5XX	\$ 6.85	\$155.03
	Over 25 to 50	1L5XX	\$ 8.12	\$155.03
	Over 50	1L5XX	\$ 9.42	\$155.03
(C) Optional Features and Functions				
	<u>USOC</u>	<u>Daily*</u>		<u>Nonrecurring</u>
		<u>Rates</u>		<u>Charges</u>
(1) Bridging (Distribution Amplifier)				
	- Per port	BCNPT	\$1.39	\$16.05

\*Daily rates will be topped and maximum rates derived as set forth in 7.4.1(B) preceding.

(1) Effective November 5, 2016, Program Audio (a.k.a. BellSouth SPA Program Audio) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available.

(2) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after November 1, 2020.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.4 Program Audio (a.k.a. BellSouth SPA Program Audio) Service<sup>(1)(2)</sup> (Cont'd) (N)

7.5.4.2 Daily Rates and Charges (Cont'd)

ALL STATES (Cont'd)

(C) Optional Features and Functions (Cont'd)	USOC	<u>Daily*</u> <u>Rates</u>	<u>Nonrecurring Charges</u>	
			<u>Initial</u>	<u>Subsequent</u>
(2) Gain Conditioning - Per service	XGC	None	\$25.15	\$75.36
(3) Stereo - Per service	XSC	None	None	None
	<u>USOC</u>	<u>Monthly</u> <u>Rates</u>	<u>Nonrecurring</u> <u>Charges</u>	
(D) Shared Network Arrangement				
- Coordination charge per arrangement	NRBSN	None		\$ 0.00
- Processing charge per service order	ORC	None		\$ 0.00

\*Daily rates will be topped and maximum rates derived as set forth in 7.4.1(B) preceding.

(1) Effective November 5, 2016, Program Audio (a.k.a. BellSouth SPA Program Audio) service in the Carbon Hill, Alabama and Kings Point, Florida Telephone Company wire centers is no longer available.

(2) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after November 1, 2020.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.8 Digital Data Access (a.k.a. BellSouth SPA DSO Digital Data) Service<sup>(1)</sup>

(N)

<u>ALL STATES</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u> First Service Installed	<u>Additional</u> Service Installed	<u>USOC</u>
(A) Local Channel				
- Per Local Channel				
(4) Lowspeed DDAS <sup>1</sup>	\$ 81.25	\$450.00	\$300.00	T6ECS
2 Highspeed DDAS <sup>2</sup>	\$127.50	\$520.00	\$350.00	T6ECS
<u>Per Month Rates</u>				
		CSPP <sup>3</sup>	ACP <sup>3</sup>	<u>USOC</u>
Plan A (24-48 Months)				
- Lowspeed DDAS <sup>1</sup>		\$56.00	\$56.00	T6ECS
- Highspeed DDAS <sup>2</sup>		\$85.00	\$85.00	T6ECS
Plan B (49-72 Months)				
- Lowspeed DDAS <sup>1</sup>		\$54.00	\$54.00	T6ECS
- Highspeed DDAS <sup>2</sup>		\$80.00	\$80.00	T6ECS
	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>		<u>USOC</u>
(B) Interoffice Channel				
(4) Lowspeed DDAS <sup>1</sup>				
- Fixed	\$19.00		\$60.00	1L5XX
- Per Mile	\$ 1.80		N/A	1L5XX
2 Highspeed DDAS <sup>2</sup>				
- Fixed	\$37.50		\$60.00	1L5XX
- Per Mile	\$ 3.75		N/A	1L5XX
<u>Per Month Rates</u>				
		CSPP <sup>3</sup>	ACP <sup>3</sup>	<u>USOC</u>
Plan A (24-48 Months)				
-Lowspeed DDAS <sup>1</sup> -Fixed		\$16.00	\$16.00	1L5XX
-Lowspeed DDAS <sup>1</sup> -Per Mile		\$ 1.40	\$ 1.40	1L5XX
Plan B (49-72 Months)				
-Lowspeed DDAS <sup>1</sup> -Fixed		\$15.00	\$15.00	1L5XX
-Lowspeed DDAS <sup>1</sup> -Per Mile		\$ 0.95	\$ 0.95	1L5XX

Note 1: Lowspeed DDAS (a.k.a. BellSouth SPA DSO Digital Data) is available at digital transmission speeds of 2.4, 4.8, 9.6 or 19.2 kbps.

Note 2: Highspeed DDAS (a.k.a. BellSouth SPA DSO Digital Data) is available at digital transmission speeds of 56.0 or 64.0 kbps.

Note 3: Channel Services Payment Plan (CSPP) and Area Commitment Plan (ACP) rates.

(1) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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1 ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.8 Digital Data Access (a.k.a. BellSouth SPA DSO Digital Data) Service<sup>(1)</sup> (N)  
 (Cont'd)

ALL STATES (Cont'd)

(B) Interoffice Channel (Cont'd)

2 Highspeed DDAS<sup>1</sup> (a.k.a. BellSouth SPA DSO Digital Data)

<u>Per Month Rates</u>	Vintage CSPP <sup>z</sup>	CSPP <sup>z</sup>	ACP <sup>z</sup>	<u>USOC</u>
Plan A (24-48 Months)				
-Highspeed DDAS <sup>1</sup> -Fixed	N/A	\$23.50	\$23.50	1L5XX
-Highspeed DDAS <sup>1</sup> -Per Mile	N/A	\$ 2.75	\$ 2.75	1L5XX
Plan B (49-72 Months)				
-Highspeed DDAS <sup>1</sup> -Fixed	N/A	\$20.50	\$20.50	1L5XX
-Highspeed DDAS <sup>1</sup> -Per Mile	N/A	\$ 1.90	\$ 1.90	1L5XX

Note 1: Highspeed DDAS (a.k.a. BellSouth SPA DSO Digital Data) is available at digital transmission speeds of 56.0 or 64.0 kbps.

Note 2: Channel Services Payment Plan (CSPP) and Area Commitment Plan (ACP) rates. Vintage CSPP rates are rates that were in effect prior to 01/01/04.

(1) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.8 Digital Data Access (a.k.a. BellSouth SPA DS0 Digital Data) Service<sup>(1)</sup> (N)  
 (Cont'd)

ALL STATES (Cont'd)

(C) Optional Features and Functions

	<u>Nonrecurring Charges</u>	<u>Month to Month</u>	<u>Plan A<sup>2</sup> (24-48 Mos.) Mo. Rates</u>	<u>Plan B<sup>2</sup> (49-72 Mos.) Mo. Rates</u>	<u>USOC</u>
1 Bridging <sup>1</sup> - Per Port	\$15.00	\$16.20	\$13.00	\$12.00	BCNDA
2 Loop Transfer Arrangement (Key Activated <sup>3</sup> or Dial-up <sup>4</sup> ) - Per Four Port Arrangement <sup>5</sup>	\$158.98		<u>Initial</u> \$260.53	<u>Subsequent</u> \$ 46.48	<u>Monthly Rate</u> XTD <u>USOC</u>

Note 1: This feature is not available with the Highspeed DDAS (a.k.a. BellSouth SPA DS0 Digital Data) 64.0 Kbps option.

Note 2: Channel Service Payment Plan rates.

Note 3: The key activated control channel is rated as a Metallic (a.k.a. BellSouth SPA Metallic) Local Channel (use USOC T6EME in lieu of T6ECS) and Interoffice Channel, if applicable (use USOC 1L5MX in lieu of 1L5XX).

Note 4: The Dial-up option requires the customer to purchase the Controller Arrangement (USOC XTDDU) from 13.3.8 following.

Note 5: An additional Local Channel charge will also apply whenever a spare channel is configured as a leg to the customers premises. Additional Interoffice Channel charges will also apply when the transfer arrangement is not located in the customer premises serving wire center.

(1) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.8 Digital Data Access (a.k.a. BellSouth SPA DSO Digital Data) Service<sup>(1)</sup> (N)  
 (Cont'd)

ALL STATES (Cont'd)

(C) Optional Features and Functions (Cont'd)

	<u>Nonrecurring Charges</u>		Month	Plan A <sup>1</sup>	Plan B <sup>1</sup>	<u>USOC</u>
	<u>Initial</u>	<u>Subsequent</u>	to	(24-48 Mos.)	(49-72 Mos.)	
(3) Secondary Channel Capability <sup>2</sup> - Per Local Channel	\$ 19.26	\$140.00	Month	Mo. Rates	Mo. Rates	SFS
			\$16.20	\$13.00	\$12.00	

	<u>Nonrecurring Charges</u>		<u>USOC</u>
	<u>First</u>	<u>Additional</u>	
(4) Speed Change Charge - Per Local Channel	\$330.00	\$165.00	SCH

	<u>Nonrecurring Charges</u>	<u>Monthly Rates</u>	<u>USOC</u>
(D) Manual Update NCI Code - Per circuit rolled over from 1.544 Mbps to 44.736 Mbps High Capacity (a.k.a. Bell South SPA High Capacity) Service	\$104.98	NONE	RDG

Note 1: Channel Services Payment Plan rates.

Note 2: This feature is not available with the Highspeed DDAS (a.k.a. BellSouth SPA DSO Digital Data) 64.0 Kbps option.

(1) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.8 Digital Data Access (a.k.a. BellSouth SPA DS0 Digital Data) Service<sup>(1)</sup> (N)  
 (Cont'd)

ALL STATES (Cont'd)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(F) Mechanized NCI Code Update - Per circuit per tape	NRBU1	None	\$ 51.96
- Processing charge per tape file run	NRBU2	None	\$861.46

(G)

(1) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.8 Digital Data Access (a.k.a. BellSouth SPA DS0 Digital Data) Service<sup>(1)</sup> (N)  
 (Cont'd)

ALL STATES (Cont'd)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(H)			
(I) Shared Network Arrangement			
- Coordination charge per arrangement	NRBSN	None	\$ 0.00
- Processing charge per service order	ORC	None	\$ 0.00

(1) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.9 High Capacity (a.k.a. BellSouth SPA High Capacity) Service (Cont'd)

ALL STATES

	<u>Nonrecurring Charges</u>	<u>Monthly Rates</u>		<u>USOC</u>	
		<u>Fixed</u>	<u>Per Mile</u>		
(B) Interoffice Channel					
(1) 64 Kbps <sup>(1)</sup>	\$24.01	\$40.00	\$ 4.00	1L5XX (N)	
	<u>Nonrecurring Charges</u>			<u>USOC</u>	
(2) 1.544 Mbps Fixed Per Mile	\$130.00 N/A			1L5XX N/A	
- Fixed			<u>Per Month Rates</u>		
Zone 1		Month To	Plan A <sup>1</sup> 24 to 48 Months	Plan B <sup>1</sup> 49 to 72 Months	
<u>States</u>		<u>Month</u>		<u>USOC</u>	
Alabama	\$75.00		\$70.00	\$65.00	1L5XX
Florida	\$75.00		\$70.00	\$65.00	1L5XX
Georgia	\$75.00		\$70.00	\$65.00	1L5XX
Kentucky	\$75.00		\$70.00	\$65.00	1L5XX
Louisiana	\$75.00		\$70.00	\$65.00	1L5XX
Mississippi	\$75.00		\$70.00	\$65.00	1L5XX
North Carolina	\$75.00		\$70.00	\$65.00	1L5XX
South Carolina	\$75.00		\$70.00	\$65.00	1L5XX
Tennessee	\$75.00		\$70.00	\$65.00	1L5XX

Note 1: Channel Services Payment Plan and Area Commitment Plan rates.

(1) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

(N)  
 |  
 (N)

ISSUED: NOVEMBER 5, 2019

EFFECTIVE: NOVEMBER 20, 2019

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.9 High Capacity (a.k.a. BellSouth SPA High Capacity) Service (Cont'd)

ALL STATES (Cont'd)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>		
			<u>First</u>	<u>Additional</u>	
(C) Optional Features and Functions (Cont'd)					
(2) Central Office Channel Interface					
- Per Interface					
- BellSouth SWA Access	1D1SW	\$ -	\$ -	\$ -	
- Metallic <sup>(1)</sup> (a.k.a. BellSouth SPA Metallic)	1D1ME	16.00	7.00	5.00	(N)
- Telegraph <sup>(1)</sup> (a.k.a. BellSouth SPA Telegraph)	1D1TE	5.00	7.00	5.00	(N)
- Voice <sup>(1)</sup> (a.k.a. BellSouth SPA DSO VG)	1D1VG	6.30	7.00	5.00	(N)
- WATS Access Line <sup>(1)</sup> (a.k.a. BellSouth SPA WATS Line)	1D1WT	6.30	7.00	5.00	
- Program Audio <sup>(2)</sup> (a.k.a. BellSouth SPA Program Audio)					(N)
- (monthly)	1D1PA	37.00	7.00	5.00	
- (daily)	1D1PA	4.00	7.00	5.00	
- DDAS <sup>(1)</sup> (a.k.a. BellSouth SPA DSO Digital Data)	1D1DD	12.55	7.00	5.00	(N)
- Subrate <sup>(1)</sup> (2.4, 4.8 and 9.6 Kbps)	1D0SR	12.55	7.00	5.00	

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(2) Effective November 20, 2019, 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 monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after November 1, 2020.

ISSUED: NOVEMBER 5, 2019

EFFECTIVE: NOVEMBER 20, 2019

ACCESS SERVICE

7 - Special Access (a.k.a. BellSouth SPA) Service (Cont'd)

7.7 Voice Grade<sup>(1)</sup> (a.k.a. BellSouth SPA DSO VG) Rate Stability Plan<sup>1</sup>

(N)

7.7.1 Rates and Charges

(A) Local Channel

ALL STATES

	USOC	Monthly Rates	Nonrecurring Charges			
			USOC	Conversion Charge <sup>3</sup>	USOC	Stabilization Charge <sup>4</sup>
- Two-Wire <sup>2</sup> Local Channel	T6E2X	***	NRBV1	\$11.81	NRBV2	\$5.57
- Four-Wire <sup>2</sup> Local Channel	T6E4X	***	NRBV1	\$11.81	NRBV2	\$5.57

(B) Interoffice Channel

Mileage Bands	USOC	Monthly Rates <sup>2</sup>	
		Fixed	Per Mile
0			
Over 0 to 4	1L5XX	***	***
Over 4 to 8	1L5XX	***	***
Over 8 to 25	1L5XX	***	***
Over 25 to 50	1L5XX	***	***
Over 50	1L5XX	***	***

<sup>1</sup> Rates and charges for non-stabilized Voice Grade (a.k.a. BellSouth SPA DSO VG) Service appear in 7.5.3 preceding.

<sup>2</sup> These charges apply in addition to the applicable nonrecurring charges for circuit installation specified in 7.5.3 preceding.

<sup>3</sup> Per existing local channel.

<sup>4</sup> Per new local channel.

\*\*\* The applicable monthly rates are those month-to-month rates in effect in Section 7.5.3 preceding on the customer's service establishment date.

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(N)  
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 (N)