

## ACCESS SERVICE

## RATES, RULES AND CHARGES

Title Page and Pages 1 to 22-45, inclusive of this tariff are effective as of the date shown. Original and revised pages as named below and Supplement No. 7 contains all changes from the original tariff that are in effect on the date hereof.

## CHECK SHEET

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1.7	12th	31	1st
1.7.1	3rd	1-1	Original
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1.10	17th	2-2	2nd
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8	3rd	2-15	5th
9	1st	2-15.1	4th
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\* New or Revised Page

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Four AT&T Plaza, Dallas, Texas 75202

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7-59	1st*	7-91.7	2nd
7-60	1st*	7-91.8	2nd
7-61	2nd	7-91.9	2nd
7-62	1st*	7-91.10	2nd
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7-70	1st*	8-6	2nd
7-71	1st*	8-7	4th
7-72	1st*	8-8	4th
7-73	11th*	8-9	4th
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\* New or Revised

7. Special Access 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:

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

Program Audio<sup>(1)</sup> - a channel for the transmission of audio signals. The nominal frequency bandwidths are from 200 to 3500 Hz, from 100 to 5000 Hz, from 50 to 8000 Hz, or from 50 to 15000 Hz. (N)

Video - a channel for the transmission of standard 525 line 60 field monochrome or National Television Systems Committee color video signal and one or two associated 5 or 15 kHz audio signals. The bandwidth is either 30 Hz to 4.5 MHz or 30 Hz to 6.6 MHz.

Digital Data<sup>(2)</sup> - a channel for the digital transmission of synchronous serial data at rates of 2.4, 4.8, 9.6, 56 or 64 kbps. (N)

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

<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 rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024. (N)

7. Special Access Service (Cont'd)7.1 General (Cont'd)7.1.2 Service Descriptions

For the purposes of ordering, the categories of Special Access Service are:

Program Audio <sup>(1)</sup> (AP)	(N)
Video (TV)	
Voice Grade <sup>(2)</sup> (VG)	(N)
-WATS Access Line (WAL)	
Digital Data <sup>(2)</sup> (DA)	(N)
High Capacity (HC)	

Each service consists of a basic channel to which a technical specifications package (customized or predefined), channel interface(s) and, when desired, optional features and functions are added to construct the service desired by the customer. Technical specifications packages and optional features and functions are described in this section. Channel interfaces are described in 15.3 and 15.4 following.

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

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

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<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)

7. Special Access Service (Cont'd)7.1 General (Cont'd)7.1.7 Acceptance Testing (Cont'd)

(B) For other analog services (i.e., Program Audio<sup>(1)</sup>, and Video) (N)  
and for digital services (i.e., Digital Data<sup>(2)</sup> and High (N)  
Capacity) service, acceptance tests will include tests for  
the parameters applicable to the service as specified by the  
customer in the order for service.

In addition to the above tests, Additional Cooperative (N)  
Acceptance Testing for Voice Grade<sup>(2)</sup> service to test other  
parameters, as described in 13.3.5(B) following, is available at  
the customer's request. All test results will be made available  
to the customer upon request.

7.1.8 Ordering Options and Conditions

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

(1) Effective November 20, 2019, this Service will no longer be available for purchase by new or (N)  
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. (N)

7. Special Access Service (Cont'd)  
 7.2 Rate Regulations (Cont'd)  
 7.2.2 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:

The rates and charges in effect at the time that the Special Access Service is installed and accepted by the customer are the rates and charges which will be billed to the customer requesting the 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 17.2(C) and (D).

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 22.5.2, 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 22.5.2. If the End User channel termination is in a Non-Competitive County, price cap rates and charges apply, as provided in Section 7.

(A) Monthly Rates

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

(B) Daily Rates

Daily rates are recurring rates that apply to each 24 hour period or fraction thereof that a Program Audio<sup>(3)</sup> or Video Special Access Service is provided for part-time use. For purposes of applying daily rates, the 24-hour period is not limited to a calendar day. (N)

Part-time Video or Program Audio<sup>(3)</sup> 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. (N)

<sup>(1)</sup> 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.

<sup>(2)</sup> Optional features for End User channel terminations includes all optional features in Section 7, except for the Transfer Arrangement.

<sup>(3)</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)

7. Special Access Service (Cont'd)7.2 Rate Regulations (Cont'd)7.2.2 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 Service are: installation of service, installation of optional features and functions, and service rearrangements.

(1) Installation of Service

Nonrecurring charges apply to each service installed. The nonrecurring charges for the installation of service are set for each channel type as a nonrecurring charge for the Channel Termination.

(2) Installation of Optional Features and Functions

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

The optional features for which nonrecurring charges apply are:

- Voice Grade<sup>(2)</sup> Data Capability (N)
- Voice Grade<sup>(2)</sup> Telephoto Capability (N)
- Program Audio<sup>(1)</sup> Gain Conditioning (N)

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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 June 30, 2024. (N)



7. Special Access Service (Cont'd)7.2 Rate Regulations (Cont'd)7.2.3 Moves

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

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

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

(A) Moves Within the Same Building

When the move is to a new location within the same building or a change of connecting facility assignment in the same central office other than DS1 and DS3 rollover rearrangements as described in 7.2.2(C)(3)(c) preceding, the charge for the move will be an amount equal to one half of the nonrecurring (i.e., installation) charge for the service termination affected. There will be no change in the minimum period requirements.

(B) Moves To a Different Building

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

7.2.4 Minimum Periods

The minimum service period for all services is one month, except DS3 High Capacity Service under a 1, 3 or 5-year billing period, and part-time Video and Program Audio services.

- (A) The minimum service period for part-time Video and Program Audio<sup>(1)</sup> services is one day (i.e., a continuous 24-hour period, not limited to a calendar day). (N)
- (B) The minimum service period for DS3 (44.746 Mbps) High Capacity Special Access Service is a 1-year term plan. After the 1-, 3-, or 5-year billing period is satisfied, the customer must select a renewal option as referenced in Section 7.11.5.1.

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7. Special Access Service (Cont'd)7.2 Rate Regulations (Cont'd)7.2.6 Facility Hubs

A customer has the option of ordering Voice Grade<sup>(2)</sup> service or High Capacity services (i.e., DS1, DS1C, DS2, DS3 or DS4) to a facility hub for channelizing to individual services requiring lower capacity facilities (e.g., Voice<sup>(2)</sup>, Program Audio<sup>(1)</sup>, etc.). (N)

Different locations may be designated as hubs for different facility capacities, e.g., multiplexing from digital to digital may occur at one location while multiplexing from digital to analog may occur at a different location. When placing an Access Order the customer will specify the desired hub. EXCHANGE CARRIER ASSOCIATION TARIFF F.C.C. NO. 4 identifies serving wire centers, hub locations and the type of multiplexing functions available.

Some of the types of multiplexing available include the following:

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

Point to point services may be provided on channels of these services to a hub. The transmission performance for the point to point service provided between customer designated premises will be that of the lower capacity or bit rate. For example, when a 1.544 Mbps channel is multiplexed to voice frequency channels, the transmission performance of the channelized services will be Voice Grade, not High Capacity.

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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 June 30, 2024. (N)

7. Special Access Service (Cont'd)7.2 Rate Regulations (Cont'd)7.2.7 Shared Use Analog and Digital High Capacity Services  
(Cont'd)

When Special Access Service is provided utilizing a channel of the shared use facility to a hub, High Capacity rates and charges will apply for the facility to the hub, as set forth preceding, and individual service rates and charges will apply from the hub to the customer designated premises. The rates and charges that will apply to the portion from the hub to the customer designated premises will be dependent on the specific type of Special Access Service that is provided (e.g., Voice Grade<sup>(1)</sup>, Telegraph<sup>(1)</sup>, etc.). The applicable rates and charges will include a Channel Termination and Channel Mileage, if applicable. Rates and charges for optional features and functions associated with the service, if any, will apply for the appropriate channel type. (N)

As each individual channel is activated for Switched Access Service, the High Capacity Special Access Channel Termination and Channel Mileage rates will be reduced accordingly (e.g., 1/24th for a DS1 service, 1/672nd for DS-3 service, etc.). In addition, if multiplexing is associated with the service under optional features and functions, the multiplexor rate will also be reduced accordingly. Switched Access Service rates and charges, as set forth in 6.8 preceding, will apply for each channel of the shared use facility that is used to provide a Switched Access Service.

The customer must place an order for each individual Switched or Special Access Service utilizing the Shared Use Facilities and specify the channel assignment for each such service.

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7. Special Access Service (Cont'd)7.2 Rate Regulations (Cont'd)7.2.8 Extension of WATS Access Service

WATS Access Service is available with extensions, i.e., additional terminations, of the service at different customer designated premises in the same or different LATAs. Extensions are provided and charged for as separate Voice Grade<sup>(2)</sup> Special Access Service. The rate elements which apply are: WATS Access Line Channel Termination, Channel Mileage, if applicable, and Signaling Capability (Optional Features and Functions), if applicable. All appropriate charges as set forth in 7.7.6 following will apply. (N)

7.2.9<sup>(1)</sup>

<sup>(1)</sup> Material in this Section has been de-tariffed as required by the Commission upon use of the forbearance relief pursuant to FCC Memorandum Opinion and Order No. 07-180, released October 12, 2007. Terms and Conditions associated with de-tariffed services are available at [www.att.com/guidebook](http://www.att.com/guidebook).

<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)

7. Special Access Service (Cont'd)7.7 Voice Grade Service<sup>(1)</sup>

(N)

7.7.1 Basic Channel Description

A Voice Grade channel is a channel which provides voice frequency transmission capability in the nominal frequency range of 300 to 3000 Hz and may be terminated two-wire or four-wire. Voice Grade channels are provided between customer designated premises, between a customer designated premises and a Telephone Company hub or hubs, or between a customer designated premises and a WATS Serving Office (WSO).

7.7.2 Technical Specifications Packages

## Package VG-

Parameter	C*	1	2	3	4	5	6	7	8	9	10	11	W
Attenuation													
Distortion	X	X	X	X	X	X	X	X	X	X	X	X	X
C-Message Noise	X	X	X	X	X	X	X	X	X	X	X	X	X
Echo Control	X	X	X	X		X		X	X			X	X
Envelope Delay													
Distortion	X						X	X	X	X	X	X	X
Frequency Shift	X						X	X	X	X	X	X	X
Impulse Noise	X					X	X	X	X	X	X	X	X
Intermodulation													
Distortion	X						X	X	X	X	X	X	X
Loss Deviation	X	X	X	X	X	X	X	X	X	X	X	X	X
Phase Hits, Gain													
Hits, and Dropouts	X												
Phase Jitter	X						X	X	X	X	X	X	X
Signal-to-C													
Message Noise					X								
Signal-to-C													
Notch Noise	X					X	X	X	X	X	X	X	X

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

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7. Special Access Service (Cont'd)7.7 Voice Grade Service<sup>(3)</sup> (Cont'd)

(N)

7.7.6 Rates and Charges

Effective November 1, 2017, all rate elements, other than End User channel terminations and their applicable optional features<sup>(2)</sup> in Non-Competitive Counties, are no longer available from Section 7.7.6 for new service subscriptions.<sup>(1)</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 7.2.2. A list of Competitive and Non-Competitive Counties is located in Sections 17.2(C) and (D).

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Non-Recurring Charge</u>
(A) <u>Channel Termination</u>			
- Per Termination			
- Two-Wire	T6E2X	\$21.65	\$200.00
- Four-Wire	T6E4X	\$21.65	\$200.00
- WATS Access Line			
- Per point of termination			
- Two-Wire with screening and blocking	X2W	\$21.65	\$200.00
- Four-Wire with screening and blocking	X4W	\$21.65	\$200.00
(B) <u>Channel Mileage</u>			
	<u>USOC</u>	<u>Monthly Rate</u>	
(1) Channel Mileage Facility			
- Per Mile	1L5XX/CMF		\$0.44
(2) Channel Mileage Termination			
- Per Termination	1L5XX/CMT		\$8.90

<sup>(1)</sup> 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.

<sup>(2)</sup> Optional features for End User channel terminations includes all optional features in Section 7, except for the Transfer Arrangement.

<sup>(3)</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)

(N)

7. Special Access Service (Cont'd)7.7 Voice Grade Service<sup>(1)</sup> (Cont'd)

(N)

7.7.6 Rates and Charges (Cont'd)(C) Optional Features and Functions(1) Bridging(a) Voice Bridging

	<u>USOC</u> <u>Rate</u>	<u>Monthly</u>
Two-Wire/Four Wire		
- Per port		
- Two-Wire	BCNV2	\$2.72
- Four-Wire	BCNV4	\$3.42

(b) Data Bridging

Two-Wire/Four-Wire		
- Per Port		
- Two-Wire	BCND2	\$2.72
- Four-Wire	BCND4	\$3.42

<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.

(N)

(N)

7. Special Access Service (Cont'd)7.7 Voice Grade Service<sup>(1)</sup> (Cont'd)

(N)

7.7.6 Rates and Charges (Cont'd)(C) Optional Features and Functions (Cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Non- recurring Charges</u>
(2) Conditioning			
- Per Termination			
- C-Type	X1CPT	\$ 3.79	None
- Improved Attenuation Distortion*	UHW	5.37	\$180.80
- Improved Envelope Delay Distortion*	UHY	26.83	287.06
- Sealing Current	1HBPT	6.97	None

\* Improved Attenuation Distortion and Improved Envelope Delay Distortion will continue to be provided to all customers who were provided with either or both of these optional features in conjunction with C-Type Conditioning prior to September 29, 1988.

<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.

(N)

(N)



7. Special Access Service (Cont'd)7.7 Voice Grade Service<sup>(1)</sup> (Cont'd)

(N)

7.7.6 Rates and Charges (Cont'd)(C) Optional Features and Functions (Cont'd)

	USOC	Monthly Rate	Non- recurring Charges
(3) Improved Return Loss for Effective Two-Wire or Four-Wire Transmission			
- Per termination			
- Two-Wire	1RL2W	\$ 8.24	None
- Four-Wire	1RL4W	8.20	None
(4) Customer Specified Received Level			
-Per two-wire termination	RLS	4.61	None
(5) Data Capability			
- Per termination	XDCPT	5.67	\$ 91.27
(6) Telephoto Capability			
- Per termination	XTCPT	7.40	\$377.67

(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)

7. Special Access Service (Cont'd)7.7 Voice Grade Service<sup>(1)</sup> (Cont'd)

(N)

7.7.6 Rates and Charges (Cont'd)(C) Optional Features and Functions (Cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>
(7) Signaling Capability		
- Per termination	XSS++	\$ 9.94

In lieu of ++, substitute appropriate two-digit code from the following list to specify type of signaling.

AB  
AC  
CT  
DX  
DY  
EA  
EB  
EC  
EX  
GO  
GS  
LA  
LB  
LC  
LO  
LR  
LS  
RV  
SF

<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.

(N)

(N)

## ACCESS SERVICE

7. Special Access Service (Cont'd)7.8 Program Audio Service<sup>(1)</sup>

(N)

7.8.1 Basic Channel Description

A Program Audio channel is a channel with bandwidth 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 or hubs.

7.8.2 Technical Specifications Packages

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

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

7.8.3 Channel Interfaces

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

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

<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)

(N)

7. Special Access Service (Cont'd)7.8 Program Audio Service<sup>(1)</sup> (Cont'd)

(N)

7.8.3 Channel Interfaces (Cont'd)

<u>CI</u>	<u>Bandwidth</u>
PG-1	Nominal frequency from 50 to 15000 Hz
PG-3	Nominal frequency from 200 to 3500 Hz
PG-5	Nominal frequency from 100 to 5000 Hz
PG-8	Nominal frequency from 50 to 8000 Hz

Compatible channel interfaces are set forth in 15.3 following.

7.8.4 Optional Features and Functions(A) Gain Conditioning

Control of 1004 Hz AML at initiation of service to 0dB  $\pm$  0.5 dB.

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

	<u>Available with Technical Specifications Package AP-</u>				
	<u>C</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
Gain Conditioning	X	X	X	X	X

<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)  
|  
(N)

7. Special Access Service (Cont'd)7.8 Program Audio Service<sup>(3)</sup>

(N)

7.8.5 Rates and Charges

Effective November 1, 2017, all rate elements, other than End User channel terminations and their applicable optional features<sup>(2)</sup> in Non-Competitive Counties, are no longer available from Section 7.8.5 for new service subscriptions.<sup>(1)</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 7.2.2. A list of Competitive and Non-Competitive Counties is located in Sections 17.2(C) and (D).

						Nonrecurring Charge			
						<u>Monthly</u>	<u>Daily</u>		
						<u>USOC</u>	<u>Rate</u>	<u>Rate</u>	
(A)	<u>Channel Termination</u>								
	- Per Termination								
	-	200 to	3500 Hz	T6ECS	\$25.00	\$4.00	\$289.75		\$289.75
	-	100 to	5000 Hz	T6ECS	28.00	4.00	289.75		289.75
	-	50 to	8000 Hz	T6ECS	30.00	4.00	289.75		289.75
	-	50 to	15000 Hz	T6ECS	110.00	12.00	289.75		289.75

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Daily*</u> <u>Rate</u>
(B) <u>Channel Mileage</u>			
(1) Channel Mileage Facility			
- Per Mile			
- 200 to 3500 Hz	1L5XX/CMF	\$2.00	\$2.00
- 100 to 5000 Hz	1L5XX/CMF	\$2.00	\$2.00
- 50 to 8000 Hz	1L5XX/CMF	\$2.00	\$2.00
- 50 to 15000 Hz	1L5XX/CMF	\$3.00	\$2.00
(2) Channel Mileage Termination			
- Per Termination			
- 200 to 3500 Hz	1L5XX/CMT	\$15.50	\$2.00
- 100 to 5000 Hz	1L5XX/CMT	\$15.50	\$2.00
- 50 to 8000 Hz	1L5XX/CMT	\$20.00	\$2.00
- 50 to 15000 Hz	1L5XX/CMT	\$32.00	\$3.35

\* Daily rates will be topped and maximum rates derived as set forth in 7.2.2.(B) preceding.

<sup>(1)</sup> 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.

<sup>(2)</sup> Optional features for End User channel terminations includes all optional features in Section 7, except for the Transfer Arrangement.

<sup>(3)</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)

(N)

7. Special Access Service (Cont'd)7.8 Program Audio Service<sup>(1)</sup>

(N)

7.8.5 Rates and Charges (Cont'd)(C) Optional Features and Functions

		<u>USOC</u>	<u>Monthly Rate</u>	<u>Daily*</u> <u>Rate</u>	<u>Nonrecurring Charge</u>	
					<u>Monthly</u>	<u>Daily</u>
(1)	Gain Conditioning	XGC	\$2.00 (I)	\$2.00 (I)	\$73.25	\$73.25

\* Daily rates will be topped and maximum rates derived as set forth in 7.2.2.(B) preceding.

<sup>(1)</sup> Effective November 20, 2019, this Service will no longer be available for purchase by new or (N)  
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)

7. Special Access Service (Cont'd)7.10 Digital Data Service<sup>(1)</sup>

(N)

7.10.1 Basic Channel Description

A Digital Data channel is a channel for duplex four-wire transmission of synchronous serial data at the rate of 2.4, 4.8, 9.6, 56 or 64 kbps.\* The actual bit rate is a function of the channel interface selected by the customer. The channel provides a synchronous service with timing provided by the Telephone Company through the Telephone Company's facilities to the customer in the received bit stream. Digital Data channels are only available via Telephone Company designated hubs and are provided between customer designated premises or between a customer designated premises and a Telephone Company hub or hubs. Digital Data service may also be ordered in conjunction with High Capacity (DS-1) to Analog/Digital (DS-0) multiplexing as set forth in 7.11.4 (5) following, and not be required to route through a Digital Data Service Hub as set forth in Technical Reference Pub L-780077-PB/NB.

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

\* 64kbps Service is only available with High Capacity Multiplexing DS1 to Voice/Digital as set forth in 7.11.4 (B)(5) following. 64kbps service is only available where technically feasible.

<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.

(N)  
|  
(N)

7. Special Access Service (Cont'd)7.10 Digital Data Service<sup>(1)</sup> (Cont'd)

(N)

7.10.2 Technical Specifications Packages

<u>Parameter</u>	<u>Package D-</u>			
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
Error-Free Seconds	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>

The Telephone Company will provide a channel capable of meeting a monthly average performance equal to or greater than 99.875% error-free seconds (if provided through a Digital Data hub) while the channel is in service, if it is measured through a CSU equivalent which is designed, manufactured, and maintained to conform with the specifications contained in Technical Reference PUB 62310.

Voltages which are compatible with Digital Data Service are delineated in Technical Reference TR-NPL-000341.

<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.

(N)  
|  
(N)



7. Special Access Service (Cont'd)7.10 Digital Data Service<sup>(1)</sup> (Cont'd)

(N)

7.10.3 Channel Interfaces

The following channel interfaces (CIs) define the bit rates that are available for a Digital Data channel:

<u>CI</u>	<u>Bit Rate</u>
DU-24	2.4 kbps
DU-48	4.8 kbps
DU-96	9.6 kbps
DU-56	56.0 kbps
DU-56A	64.0 kbps

Compatible channel interfaces are set forth in 15.3 following.

7.10.4 Optional Features and Functions(A) Central Office Bridging Capability

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

	<u>Available with Technical Specifications Package D-</u>			
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
Central Office Bridging Capability	X	X	X	X

<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.

(N)  
|  
(N)

7. Special Access Service (Cont'd)7.10 Digital Data Service<sup>(3)</sup> (Cont'd)

(N)

7.10.5 Rates and Charges

Effective November 1, 2017, all rate elements, other than End User channel terminations and their applicable optional features<sup>(2)</sup> in Non-Competitive Counties, are no longer available from Section 7.10.5 for new service subscriptions.<sup>(1)</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 7.2.2. A list of Competitive and Non-Competitive Counties is located in Sections 17.2(C) and (D).

	USOC	Monthly Rate	Nonrecurring Rates
- Per termination			
- 2.4 kbps	T6ECS	\$ 71.10	\$250.00
- 4.8 kbps	T6ECS	71.10	250.00
- 9.6 kbps	T6ECS	71.10	250.00
-56.0 kbps	T6ECS	71.10	250.00
-64.0 kbps	T6ECS	71.10	250.00

(B) Channel Mileage

	USOC	Monthly Rates
(1) Channel Mileage Facility		
- Per Mile		
- 2.4 kbps	1L5XX/CMF	\$0.72
- 4.8 kbps	1L5XX/CMF	0.72
- 9.6 kbps	1L5XX/CMF	0.72
- 56 kbps	1L5XX/CMF	0.72
- 64 kbps	1L5XX/CMF	0.72
(2) Channel Mileage Termination		
- Per Termination		
- 2.4 kbps	1L5XX/CMT	\$13.00
- 4.8 kbps	1L5XX/CMT	13.00
- 9.6 kbps	1L5XX/CMT	13.00
- 56 kbps	1L5XX/CMT	13.00
- 64 kbps	1L5XX/CMT	13.00

<sup>(1)</sup> 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.

<sup>(2)</sup> Optional features for End User channel terminations includes all optional features in Section 7, except for the Transfer Arrangement.

<sup>(3)</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)

(N)

7. Special Access Service (Cont'd)7.10 Digital Data Service<sup>(1)</sup> (Cont'd)

(N)

7.10.5 Rates and Charges (Cont'd)

		<u>USOC</u>	<u>Monthly Rate</u>
(C)	<u>Optional Features and Functions</u>		
(1)	Bridging		
	- Per port	BCNDA	\$16.51

<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.

(N)  
|  
(N)

7. Special Access Service (Cont'd)7.11 High Capacity Service (Cont'd)7.11.4 Optional Features and Functions(B) Central Office Multiplexing(1) DS4 to DS1

An arrangement that converts a 274.176 Mbps channel to 168 DS1 channels using digital time division multiplexing.

(2) DS3 to DS1

An arrangement that converts a 44.736 Mbps channel to 28 DS1 channels using digital time division multiplexing.

(3) DS2 to DS1

An arrangement that converts a 6.312 Mbps channel to four DS1 channels using digital time division multiplexing.

(4) DS1C to DS1

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

(5) DS1 to Voice/Digital<sup>(1)</sup>

(N)

An arrangement that converts a 1.544 Mbps channel to 24 channels for use with Voice Grade or Digital Data Services.

<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.

(N)

(N)

7. Special Access Service (Cont'd)7.11 High Capacity Service (Cont'd)7.11.4 Optional Features and Functions (Cont'd)(B) Central Office Multiplexing (Cont'd)

(6) DS1 to DS0<sup>(1)</sup> (N)  
An arrangement that converts a 1.544 Mbps channel to 23 64.0 Kbps channels utilizing digital time division multiplexing.

(7) DS0 to Subrate<sup>(1)</sup> (N)  
An arrangement that converts a 64.0 Kbps channel to subspeeds of up to twenty 2.4 Kbps, ten 4.8 Kbps, or five 9.6 Kbps channels using digital time division multiplexing.

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

Available with Technical  
Specifications Package HC-  
0 1 1C 2 3 4

Central Office  
Multiplexing:

DS4 to DS1					X	
DS3 to DS1					X	
DS2 to DS1				X		
DS1C to DS1			X			
DS1 to Voice/Digital <sup>(1)</sup>	X					(N)
DS1 to DS0 <sup>(1)</sup>		X				(N)
DS0 to Subrate* <sup>(1)</sup>	X					(N)
Cross-Connect		X				
Transfer Arrangement		X				

(8) Multiplexer Cross-Connect (MCC)  
An arrangement which provides the cross-connect of one channel of a Special Access High Capacity DS3 multiplexer to a channel of another Special Access High Capacity DS3 Multiplexer.

Multiplexer Cross-Connection (MCC) will be charged per cross-connect per central office, where the cross-connection is performed. If MCC is provided between two Telephone Company

\* Available only on a channel of 1.544 Mbps facility to a Telephone Company DDS hub.

<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. (N)

7. Special Access Service (Cont'd)7.11 High Capacity Service7.11.5 Rates and Charges General Description (Cont'd)7.11.5.3 Rates and Charges (Cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>	
(C) <u>Optional Features and Functions</u>			
(1) Multiplexing, per arrangement			
DS4 to DS1	MXA++	ICB	
DS3 to DS1 <sup>(1)</sup>			
Month-to-Month*	MQ3	\$425.00	
Monthly Extension	MQ3	\$425.00	
1 Year	MQ3	\$420.00	
3 Year	MQ3	\$410.00	
5 Year <sup>(2)</sup>	MQ3	\$400.00	
DS2 to DS1	MXD++	ICB	
DS1C to DS1	MXH++	ICB	
DS1 to Voice/Digital* <sup>(3)</sup>	MQ1/MQ1++	\$170.00	(N)
DS1 to DS0 <sup>(3)</sup>	QMU/QMUA1/QMU++**	\$170.00	(N)
DS0 to Subrates <sup>(3)</sup>			(N)
-Up to 20 2.4 kbps services	QSU24	\$175.00	
-Up to 10 4.8 kbps services	QSU48	\$175.84	
-Up to 5 9.6 kbps services	QSU96	\$125.00	

\* A channel of this DS1 to a multiplexing Hub can be used for Digital Data Service

\*\* QMU and QMUA1 are used in CABS. QMU++ is used in CRIS billing system. ICB rates and charges are filed in 7.12, following.

<sup>(1)</sup> This option will no longer be available for new circuits provisioned on or after, November 21, 2003. There will be no change to existing circuits.

<sup>(2)</sup> Effective on September 13, 2017, DS3 High Capacity Service 5-year Payment Plans are no longer available, including for any otherwise available renewals, extensions or conversions. Circuits already subject to a DS3 High Capacity Service 5-year Payment Plan, as of September 13, 2017, will continue to be provided under the then-current DS3 High Capacity Service 5-year Payment Plan term for the remainder of that term.

<sup>(3)</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)

## ACCESS SERVICE

## 7. Special Access Service (Cont'd)

## 7.11 High Capacity Service

## 7.11.5 Rates and Charges General Description (Cont'd)

## 7.11.5.3 Rates and Charges (Cont'd)

## (F) DS1 Term Payment Plan

Rates and Charges for the DS1 Term Payment Plan <sup>(1)</sup>

## (1) Channel Termination

## - Per Point of Termination

USOC	1 Year	2 Year	3 Year	5 Year	7 Year
TMECS	\$122.50	\$120.00	\$115.00	\$104.00 (R)	\$98.50

## (2) Channel Mileage

## - Channel Mileage Termination (per termination)

USOC	1 Year	2 Year	3 Year	5 Year	7 Year
1L5XX	\$ 51.00	\$ 45.00	\$ 40.00	\$ 35.00	\$ 32.50

## - Channel Mileage Facility (per mile)

USOC	1 Year	2 Year	3 Year	5 Year	7 Year
1L5XX	\$ 9.00	\$ 9.00	\$ 8.70	\$ 8.40	\$ 8.25

(3) Central Office Multiplexing DS1 to DS0 voice/digital <sup>(2)</sup>

## -Per arrangement

USOC	1 Year	2 Year	3 Year	5 Year	7 Year
MQ1, MQ1++, QMU, QMUA1, QMU++	\$180.00	\$170.00	\$170.00	\$ 160.00	\$150.00

## (4) Collocation Transport

## -Channel Mileage

## - Fixed

USOC	1 Year	2 Year	3 Year	5 Year	7 Year
1H48S	\$ 51.00	\$ 45.00	\$ 40.00	\$ 35.00	\$ 32.50

## - Per Mile

USOC	1 Year	2 Year	3 Year	5 Year	7 Year
1H48S	\$ 9.25	\$ 9.00	\$ 8.75	\$ 8.50	\$ 8.25

## (5) Nonrecurring Charges-One Time Charges

## - Per point of channel termination

USOC	DESCRIPTION	RATE
TMECS	Channel Termination Nonrecurring Charge	\$ 900.00
1H48S	Collocation Transport Nonrecurring Charge	

NOTE: Channel Termination Nonrecurring Charges and Collocation Transport Nonrecurring Charges are waived on new installations of DS1 High Capacity Service with a 2, 3, 5, or 7-year DS1 TPP.

<sup>(1)</sup> Effective on September 13, 2017, DS1 TPP 5- and 7-year Payment Plans are no longer available, including for any otherwise available conversions. Circuits already subject to a DS1 TPP 5- or 7-year Payment Plan, as of September 13, 2017, will continue to be provided under the then-current DS1 TPP 5- and 7-year Payment Plan term for the remainder of that term.

<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)

(N)

(N)

This tariff cancels NEVADA  
BELL Tariff F.C.C. No. 1

Regulations, Rates and Charges  
applying to the provision of Access Services  
within a Local Access and Transport Area (LATA) or  
equivalent Market Area for connection to interstate  
communications facilities for Interstate Customers within  
the operating territory of NEVADA BELL

Original tariff effective May 25, 1987

Access Services are provided by means of wire, fiber optics, radio or any  
other suitable technology or a combination thereof.

Issuing Officer:

Kristen E. Shore  
AVP - Regulatory

(T)  
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