

TARIFF DISTRIBUTION

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DATE: November 20, 2019

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TYPE OF DISTRIBUTION: Approved

PURPOSE: PB FCC #1 VG/DS0 Grandfather

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Regulations, Rates and Charges applying to the provision of
Access Services within the operating territory of
PACIFIC BELL TELEPHONE COMPANY and
Concurring carriers listed on Page 23.

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

The original effective date of Pacific Bell Tariff No. 128 is June 13, 1984, except for Section 7, which became effective April 1, 1985.

Issuing Officer:

Kristen E. Shore
AVP - Regulatory

(T)
(T)

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Issued: November 5, 2019

Effective: November 20, 2019

Four AT&T Plaza, Dallas, Texas 75202

ACCESS SERVICE
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Title Page and Pages 1 to 35-17, inclusive of this tariff are effective as of the date shown. Original and revised pages as named below and Supplement No. 13 contains all changes from the original tariff that are in effect on the date hereof.

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Four AT&T Plaza, Dallas, Texas 75202

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7-50	1st	7-82.2.3	4th	7-103	10th
7-51	1st	7-82.2.4	4th	7-103.1	Original
7-52	1st	7-82.3	2nd	7-104	8th
7-53	1st	7-82.4	2nd	7-104.1	1st
7-54	1st	7-82.5	3rd	7-105	3rd
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7-57	3rd*	7-82.6	4th	7-108	Original
7-58	2nd*	7-82.6.1	2nd	7-109	Original
7-59	1st*	7-82.7	4th	7-110	2nd
7-60	3rd*	7-82.8	4th	7-111	Original
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7-133	3rd	7-156	7th	7-192	13th*
7-134	3rd	7-157	4th	7-192.1	5th
7-134.1	2nd	7-158	3rd	7-193	Original
7-134.2	4th	7-159	1st	7-194	6th
7-135	4th	7-160	1st	7-194.1	8th
7-135.1	2nd	7-161	1st	7-195	8th
7-136	Original	7-162	1st	7-196	14th
7-137	1st	7-163	1st	7-197	8th
7-138	1st	7-164	1st	7-198	9th
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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.1 General (Cont'd)

7.1.4 Acceptance Testing

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

- (A) For Voice Grade⁽²⁾ analog services, acceptance tests will include tests for loss, 3-tone slope, DC continuity, operational signaling, C-notched noise, and C-message noise when these parameters are applicable and specified in the order for service. Additionally, for Voice Grade Services⁽²⁾, a balance (improved loss) test will be made if the customer has ordered the improved loss optional feature. (N)
- (B) For other analog services (i.e., Metallic⁽²⁾, Telegraph⁽²⁾, Program Audio⁽¹⁾, Video, and WATS Access Line) and for digital services (i.e., Generic Digital Transport⁽²⁾ and High Capacity), acceptance tests will include tests for the parameters applicable to the service as specified in the order for service. (N)

In addition to the above tests, Additional Cooperative Acceptance Testing for Voice Grade Service⁽²⁾ to test other parameters, as described in Section 13.3.5(B), is available at the customer's request. All tests results will be made available to the customer upon request. (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. (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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7. Special Access Service (Cont'd)

7.2 Service Descriptions

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

Metallic (MT) ⁽²⁾	TR-NPL-000336	(N)
Telegraph Grade (TG) ⁽²⁾	TR-NPL-000336	(N)
Voice Grade (VG) ⁽²⁾	TR-NPL-000335, PUB 41004, Table 4	(N)
- WATS Access Line ⁽²⁾ (WAL)	TR-NPL-000334	(N)
Program Audio (AP) ⁽³⁾	TR-NPL-000337	(N)
Video (TV)	GR-338-CORE ATT-TELCO-002-200-777	
Generic Digital Transport (GDT) ⁽²⁾	PUB 62507 and 62310 TR-NPL-000157 PUB L-780030-PB/NB, PUB L-780035-PB/NB, PUB L-780036-PB/NB, PUB L-780037-PB/NB, PUB L-780077-PB/NB	(N)
High Capacity (HC)	PUB 62508 and 62411 PUB L-780059-PB	
Service Description and Technical Requirements for SONET Ring and Access Services ⁽¹⁾	PUB L-780046-PB/NV	

⁽¹⁾ Effective 01/03/06, SONET Ring and Access Service is limited to existing customers at existing locations except where spare capacity exists; customers may add additional locations on existing rings. New SONET ring services will be provided via Dedicated SONET Ring Service.

⁽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.

⁽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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 (N)

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.1 Metallic Service⁽¹⁾

(N)

(A) Basic Service Description

A Metallic service is an unconditioned two-wire channel capable of transmitting low speed varying signals at rates up to 30 baud. This service is provided by metallic or equivalent facilities. Metallic services are provided between customer designated premises through serving Wire Centers, between a customer designated premises and a Telephone Company Hub where bridging functions are performed, between a customer premises and an EIS Point of Termination, or between an EIS Point of Termination and a Telephone Company Hub where bridging functions are performed. Inter office metallic facilities will be limited in length to a total of five miles per circuit.

(B) Technical Specifications

Technical specifications and examples of application are set forth in Technical References TR-NPL-000336.

(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)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.1 Metallic Service⁽¹⁾

(N)

(C) Channel Interfaces

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

(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 services with which the optional features and functions are available.

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

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(N)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.2 Telegraph Grade Service⁽¹⁾

(N)

(A) Basic Service Description

A Telegraph Grade service is an unconditioned channel capable of transmitting binary signals at rates of 0-75 baud or 0-150 baud. This service is furnished for half-duplex or duplex operation. Telegraph Grade services are provided between customer designated premises through Serving Wire Center(s), between a customer designated premises and a Telephone Company Hub, between a customer premises and an EIS Point of Termination, or between an EIS Point of Termination and a Telephone Company Hub.

(B) Technical Specifications

Technical specifications and examples of application are set forth in Technical Reference TR-NPL-000336.

(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 services with which the optional features and functions are available.

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

(1) Effective 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 Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.3 Voice Grade Service⁽¹⁾

(N)

(A) Basic Service Description

A Voice Grade Service 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 Services are provided between customer designated premises through Serving Wire Centers, between a customer-designated premises and a Telephone Company Hub, between a customer premises and an EIS Point of Termination, or between an EIS Point of Termination and a Telephone Company Hub. The Telephone Company provides Voice Grade Services 1 through 12 and customized service upon customer request.

(B) Technical Specifications

The technical specifications for these parameters (except for dropouts, gain hits, and phase hits) are set forth in Technical Reference TR-NPL-000335. The technical specifications for dropouts, phase hits, and gain hits are set forth in Technical Reference PUB 41004, Table 4.

(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)

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7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.3 Voice Grade Service⁽¹⁾ (Cont'd)

(N)

(C) Channel Interfaces

Compatible channel interfaces are set forth in Technical Reference TR-NPL-000335.

(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)

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(N)

(N)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade Service⁽¹⁾ (Cont'd)

(N)

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

(1) Central Office Bridging Capability (Cont'd)

(e) Telemetry and Alarm Bridging

Split Band, Active Bridging
 Passive Bridging
 Summation, Active Bridging

(2) Central Office Multiplexing

Voice to Telegraph Grade: An arrangement that converts a Voice Grade channel to Telegraph Grade channels using frequency division multiplexing.

(3) Conditioning

Conditioning provides more specific transmission characteristics for Voice Grade services.

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 standard C-Type conditioning. In such cases the customer has the option of ordering either Improved Attenuation Distortion or Improved Envelope Delay Distortion, or both, as desired.

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(N)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade Service⁽¹⁾ (Cont'd)

(N)

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

(3) Conditioning (Cont'd)

For two-point services, the parameters apply to each service. For multipoint services, the parameters apply to each mid link or end link. C-Type conditioning and Data Capability may be combined on the same service.

(1) Effective 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)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade Service⁽¹⁾ (Cont'd)

(N)

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

(3) 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

<u>Frequency Range (Hz)</u>	<u>Variation (dB)</u>
504-2804	-1.0 to +3.0
304-3004	-2.0 to +6.0

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

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

(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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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade Service⁽¹⁾ (Cont'd) (N)

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

(3) 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

<u>Frequency Range (Hz)</u>	<u>Variation (dB)</u>
504-2804	-1.0 to +2.0
304-3004	-1.0 to +3.0
3004-3204	-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:

<u>Envelope Delay Distortion</u>	
<u>Frequency Range (Hz)</u>	<u>Variation (micro- seconds)</u>
1004-2604	100
804-2604	200
604-2604	300
504-2804	600
504-3004	3000

(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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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade Service⁽¹⁾ (Cont'd)

(N)

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

(3) 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.

(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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(N)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade Service⁽¹⁾ (Cont'd)

(N)

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

(4) Customer Specified Premises Receive Level

This option allows the customer to specify the receive or transmit level at the Point of Termination. The level must be within a specific range on four-wire or on effective four-wire transmission. The ranges are set forth in Technical Reference TR-NPL-000335.

(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 Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.3 Voice Grade Service⁽¹⁾ (Cont'd)

(N)

(D) Optional Features and Functions (Cont'd)(5) Improved Termination

On effective Four-Wire Transmission at Four-Wire Point of Termination (applicable to each two-wire port): Provides for a fixed 600 ohm impedance, variable level range and simplex reversal if specified. Telephone Company equipment is required at the customer's premises where this option is ordered. The Improved Termination parameters are set forth in Technical Reference TR-NPL-000335.

(6) Improved Return Loss

On effective Two-Wire Transmission at Two-Wire Point of Termination: 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 set forth in Technical Reference TR-NPL-000335.

(7) Data Capability

Data Capability provides transmission characteristics suitable for data communications. Specifically, Data Capability provides for the control of Signal to C-Notched Noise Ratio and intermodulation distortion. It is available for two-point services or multipoint services.

When a service equipped with Data Capability is used for voice communications, the quality of the voice transmission may not be satisfactory.

- (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 Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade Service⁽¹⁾ (Cont'd)

(N)

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

(8) Telephoto Capability

Telephoto Capability provides transmission characteristics suitable for telephotographic communications. Specifically, Telephoto Capability is provided for the control of attenuation distortion and envelope delay distortion on telephotographic 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 June 30, 2024.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.3 Voice Grade Service⁽¹⁾ (Cont'd)

(N)

(D) Optional Features and Functions (Cont'd)(9) 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.

(10) Selective Signaling Arrangement

An arrangement that permits code selective ringing for up to ten codes on a multipoint service.

(11) Transfer Arrangement

An arrangement that affords the customer an additional measure of flexibility in the use of their access service(s). The arrangement can be utilized to transfer a leg of a Special Access Service to another channel that terminates in either the same or a different customer premises. A key activated or dial-up control service is required to operate the transfer arrangement. A spare channel, if required, is not included as part of the option.

(12) Simplex Reversal

An arrangement that permits the simplex DC path to be reversed at the four-wire POT.

(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 Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade Service⁽¹⁾ (Cont'd)

(N)

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

(13) ELEPL 2

ELEPL 2 (Equal Level Echo Path Loss 2) is an arrangement that establishes Echo Path Loss (EPL) values dependent on the transmitting and receiving Transmission Level Points (TLPs) at each test location. ELEPL is the difference in the level specified as the receive TLP and the measured echo level at the same point when the transmit test level is the same as the transmit TLP. $ELEPL = EPL - TLP \text{ (transmit)} + TLP \text{ (receive)}$. ELEPL 2 parameters are specified in Technical Reference TR-NPL-000335.

(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 Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade Service⁽¹⁾ (Cont'd)

(N)

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

(14) Port Access to Verify Integrity of Subscriber Lines - BSE

(a) Description

Port Access to Verify Integrity of Subscriber Lines (PAVISL) provides the ability for a service provider to monitor the service provider's client's single party exchange access line. The service provider is connected to a Telephone Company host computer via Special Access Voice Grade 10 services. The host computer provides access to a scanning device which is used to repetitively poll the client's Subscriber Terminal Unit (STU). The STU is connected to alarm or monitoring sensors to detect a change in status of the client's exchange access line. The status of the Client's exchange access line is then transmitted back to the host computer access port to the service provider's analog data connection. The host computer port access is limited on a first come first serve basis. PAVISL is offered only where equipment and facilities are compatible and available. This service provider's client must also order the Telephone Company's local exchange service known as PollStarSM.

(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 Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade Service⁽¹⁾ (Cont'd)

(N)

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

(14) Port Access to Verify Integrity of Subscriber Lines - BSE (Cont'd)

(b) Conditions

1. The availability of this service is conditional upon the provision of an alarm or other type of warning sensor from an alarm company.
2. The alarm company will provide a minimum of two 4-wire data voice grade channels between the alarm company's premises and the Company's premises. These will be provided in a two-point configuration at standard tariff rates.
3. The alarm company will provide equipment on each 4-wire data voice grade channel. The terminal equipment located at the premises of the alarm company and their patron is required to be compatible with the Company's equipment, and the alarm company's Terminal unit.

(15) Multiplexer Cross Connect

This arrangement is available only as a cross-connect of one channel of a Special Access High Capacity DS1 multiplexer to one channel of another Special Access High Capacity DS1 multiplexer. The customer must provide system and channel assignment information. All channel mileage charges will also 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 June 30, 2024.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade Service⁽¹⁾ (Cont'd)

(N)

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

The following table shows the services with which the optional features and functions are available.

	Available with Technical Specifications Package VG-												
	<u>C</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>
C-Type Conditioning Central Office Bridging Capability	X					X	X	X	X	X	X		
Central Office Multiplexing	X		X			X	X				X	X	
Customer Specified Premises Receive Level	X		X	X				X	X	X			
Data Capability	X						X	X			X		
ELEPL 2	X	X	X	X		X		X					
Improved Attenuation Distortion	X					X	X	X	X	X	X		
Improved Envelope Delay Distortion	X					X	X	X	X	X	X		
Improved Termination	X	X	X	X	X	X	X	X	X	X	X	X	X
Improved Return Loss For Effective Two-Wire Transmission	X		X	X				X					

(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 Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade Service⁽²⁾ (Cont'd)

(N)

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

The following table shows the services with which the optional features and functions are available.

	Available with Technical Specifications Package VG-												
	<u>C</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>
PPSN Interface Arrangement ⁽¹⁾	X										X		
Sealing Current Conditioning	X					X	X				X		
Selective Signaling Arrangement	X		X										
Signaling Capability	X	X	X	X				X	X	X			
Simplex Reversal	X	X	X	X				X	X	X			
Telephoto Capability	X											X	
Transfer Arrangement	X	X	X	X	X	X	X	X	X	X	X	X	X
Multiplexer Cross Connect	X	X	X	X	X	X	X	X	X	X	X	X	X

(1)As of October 6, 2004, PPS Interface Arrangement service utilizing the X.25 protocol and the X.75 protocol is obsolete and is limited to existing installations, at existing locations, 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.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade Service⁽¹⁾ (Cont'd)

(N)

(E) WATS Access Line (WAL) Service

(1) Basic Service Description

A WATS Access Line Service provides a service 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 800 Service or WATS. Originating access is provided with Feature Group D Switched Access Service as set forth in Section 6. Terminating access is provided with Feature Groups A, B, or D as set forth in Section 6.

WAL service can be arranged for screening, blocking and directionality at the option of the customer and where available. 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-NPL-000334. WATS Access Line Service is provided as an effective two-wire, or an effective four-wire transmission path.

WAL Service is provided for interstate Communications only. All originating intrastate calls will be blocked, as approved by the California Public Utilities Commission in Resolution No. T-12009, dated March 6, 1987. For further information refer to Pacific Bell Schedule Cal.P.U.C. Nos. A7. and 175-T.

(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 Service (Cont'd)

7.2 Service Descriptions (Cont'd)

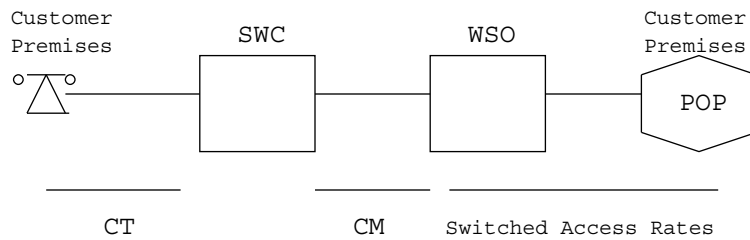
7.2.3 Voice Grade Service⁽¹⁾ (Cont'd)

(N)

(E) WATS Access Line (WAL) Service (Cont'd)

(1) Basic Service Description (Cont'd)

The following diagram depicts a WATS Access Line service.



CT - Channel Termination
 CM - Channel Mileage
 SWC - Serving Wire Center
 WSO - WATS Serving Office

Applicable Rate elements are:

- CT - Channel Termination (1 applicable)
- CM - Channel Mileage
- Optional Features and Functions when ordered (per channel termination).

(2) Technical Specifications

Technical specifications and examples of application are delineated in Technical Reference TR-NPL-000334.

(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 Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade Service⁽¹⁾ (Cont'd)

(N)

(E) WATS Access Line (WAL) Service (Cont'd)

(3) Channel Interfaces

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

(4) Optional Features and Functions

- (a) Improved two-wire voice transmission specifications
- (b) Certain other options associated with WAL services are as either Line Termination or Common Switching optional features as defined in Section 6 preceding.
- (c) WATS Access Lines use the same Features and Functions as Voice Grade Service.

The following table shows the services with which the Optional Features and Functions are available.

	Available with Technical Specifications Package WALs-					
	<u>EA</u>	<u>EB</u>	<u>ED</u>	<u>EG</u>	<u>FA</u>	<u>FJ</u>
Effective 2-Wire	X				X	X
Effective 4-Wire		X		X		
Improved 2-Wire					X	X
Improved Attenuation Distortion					X	X
Improved Return Loss 2-Wire						X
Digital DS1			X			
Bridging Capability	X	X		X	X	X

(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 Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.4 Program Audio Service⁽¹⁾

(N)

(A) Basic Service Description

A Program Audio service is 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 services are provided between customer designated premises through Serving Wire Center(s) or between a customer designated premises and a Telephone Company Hub.

(B) Technical Specifications

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

(C) Channel Interfaces

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

(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 Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.4 Program Audio Service⁽¹⁾ (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 services with which the optional features and functions are available.

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

(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 Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.4 Program Audio Service⁽¹⁾ (Cont'd)

(N)

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

(4) Hubbing Arrangement

At the request of the 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
- Part-time to Part-time

(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 Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.8 Generic Digital Transport Service⁽¹⁾

(N)

(A) Basic Service Description

A Generic Digital Transport Service is for duplex four-wire transmission of synchronous serial data at the rate of 2.4, 4.8, 9.6, 19.2, 56, or 64 kbps. The actual bit rate is a function of the channel interface selected by the customer. The service is synchronous, with timing provided by the Telephone Company through the Telephone Company's facilities to the customer in the received bit stream. Except as set forth following, Generic Digital Transport services are only available via Telephone Company designated GDTS hubs and are provided between customer designated premises through Serving Wire Centers, between a customer designated premises and a Telephone Company GDTS Hub, between an EIS Point of Termination and a customer designated premises, between an EIS Point of Termination and a Telephone Company GDTS Hub, or between an EIS Point of Termination and a Telephone Company GDTS Hub.

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

(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 Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.8 Generic Digital Transport Service⁽¹⁾ (Cont'd) (N)

(B) Technical Specifications

While in service the monthly average performance of error free seconds will be equal to or greater than 99.875%. In order to meet this standard, the service must be measured through a CSU equivalent which is designed, manufactured, and maintained to conform with specifications contained in Technical Reference PUB 62310 and PUB L-780077-PB.

Technical specifications and examples of application are set forth in Technical References PUB 62507, 62310, TR-NPL-000157, L-780035-PB/NB, L-780036-PB/NB, and L-780037-PB/NB.

(C) Channel Interfaces

Compatible channel interfaces are set forth in Technical Reference PUB 62507 and L-780030-PB/NB.

(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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ACCESS SERVICE

7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.8 Generic Digital Transport Service⁽¹⁾ (Cont'd)

(N)

(D) Optional Features and Functions(1) Central Office Bridging Capability(2) Transfer Arrangement

An arrangement that affords the customer an additional measure of protection and/or flexibility in the use of their access channel(s) on a 1xN basis. The arrangement can be utilized to transfer a leg of a Special Access Service to either a spare or working service that terminates in either the same or different customer premises. This arrangement is only available at a Telephone Company GDTS hub. A key activated or dial up control service is required to operate the transfer arrangement. A spare service, if required is not included as part of the 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.

(N)

(N)

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.8 Generic Digital Transport Service⁽²⁾ (Cont'd) (N)

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

(4) Central Office Multiplexing

(a) DS1 to DS0

An arrangement that converts a 1.544 Mbps channel to twenty-three 64.0 kbps channels utilizing digital time division multiplexing.

(b) DS0 to Subrate

An arrangement that converts a 64.0 kbps channel to subspeeds of up to twenty 2.4 kbps, ten 4.8 kbps or five 9.6 kbps channels using digital time division multiplexing.

The following table shows the services with which the optional features and functions are available.

	Available with Technical					
	Specifications Package DA					
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>
Central Office Bridging Capability	X	X	X	X	X	X
Transfer Arrangement	X	X	X	X		
Central Office Multiplexing:						
DS1 to DS0	X	X	X	X	X	X
DS0 to Subrate*	X	X	X	X		
PPS Interface Arrangement ⁽¹⁾			X	X		

(1)As of October 6, 2004, PPS Interface Arrangement service utilizing the X.25 protocol and the X.75 protocol is obsolete and is limited to existing installations, at existing locations, 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)

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7. Special Access Service (Cont'd)7.2 Special Descriptions (Cont'd)7.2.8 Generic Digital Transport Service⁽¹⁾ (Cont'd)

(N)

(D) Optional Features and Functions (Cont'd)(5) Secondary Channel

- (a) Secondary Channel is an Optional Feature associated with a basic Generic Digital Transport Service channel(s).

Secondary Channel describes a second, totally independent, lower speed channel operating in parallel with the basic channel of a Generic Digital Transport Service.

- (b) The types of Secondary Channels offered to provide for the simultaneous, independent two-way transmission of digital signals between two or more customer premises each having Secondary Channels are as follows:

- Secondary Channel furnished for digital transmission at a synchronous rate of 133 bps, operating in parallel with a basic 2.4 kbps channel (per station).
- Secondary Channel furnished for digital transmission at a synchronous rate of 266 bps, operating in parallel with a basic 4.8 kbps channel (per station).
- Secondary Channel furnished for digital transmission at a synchronous rate of 533 bps, operating in parallel with a basic 9.6 kbps channel (per station).
- Secondary Channel furnished for digital transmission at a synchronous rate of 2,666 bps, operating in parallel with a basic 56 kbps channel (per station).

(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)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Special Descriptions (Cont'd)

7.2.8 Generic Digital Transport Service⁽²⁾ (Cont'd)

(N)

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

(6) Multiplexer Cross Connect

This arrangement is available only as a cross-connect of one channel of a GDTS multiplexer to one channel of another GDTS multiplexer; or one channel of a Special Access High Capacity DS1 multiplexer to one channel of another Special Access High Capacity DS1 multiplexer. Cross connects will be provided at 2.4 kbps, 4.8 kbps, 9.6 kbps, 19.2 kbps, 56 or 64 kbps. The customer must provide system and channel assignment information. All channel mileage charges will also apply.

(7) Network Reconfiguration Service⁽¹⁾

Network Reconfiguration Service (NRS) allows a customer to make changes in the individual circuit segments of their network. These changes can be mapped, stored and executed based on time of day, or the customer may request changes on demand for disaster recovery.

The NRS service is available at the Telephone Company's serving wire centers equipped with Digital Cross Connect as set forth in NECA's Tariff FCC No. 4. Two rate elements apply for NRS. One monthly rate element shall apply per DSO channel termination and one rate element shall apply per each reconfiguration completed from a Telephone Company Control Center.

NRS must be ordered at the time DOS service is ordered. NRS is required on all circuit terminations of the customer's network to be reconfigured. The customer must comply with Utility security procedures.

(1) Effective December 5, 2018, Network Reconfiguration Service (NRS) will no longer be available for purchase by new or existing customers, and NRS service agreements may no longer be renewed. Effective July 31, 2022, the Telephone Company will no longer accept new requests for physical changes to existing service arrangements including the upgrade or downgrade of access/port speed, installation of new service, or moves to different service addresses.

(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)

(N)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity Service (Cont'd)

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

(3) Central Office Multiplexing (Cont'd)

(e) DS1 to Voice/Digital⁽²⁾ (N)

An arrangement that converts a 1.544 Mbps channel up to 24 channels for use with Voice Grade⁽²⁾, Program Audio⁽¹⁾, and/or Generic Digital Transport Services⁽²⁾. (N)

Customers ordering multiplexed High Capacity Service will be required to provide subsequent system and channel assignment data. (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. (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 Service (Cont'd)
- 7.2 Service Descriptions (Cont'd)
 - 7.2.9 High Capacity Service (Cont'd)
 - (D) Optional Features and Functions (Cont'd)
 - (3) Central Office Multiplexing (Cont'd)

The following table shows the services with which the optional features and functions are available.

	Available with Technical Specifications Package HC-						
	<u>0</u>	<u>1</u>	<u>1C</u>	<u>2</u>	<u>3</u>	<u>3x3</u>	<u>4</u>
	Central Office Multiplexing:						
DS4 to DS1							X
DS3 to DS1							
- Option 1					X	X	
- Option 2					X	X	
DS2 to DS1				X			
DS1C to DS1			X				
DS1 to Voice/Digital ⁽²⁾		X					(N)
Transfer Arrangement		X					
Alternate Serving							
Wire Center		X			X		
Enhanced Access Diversity		X			X	X	
Multiplexer Cross Connect		X					

(4) Network Reconfiguration Service⁽¹⁾

Network Reconfiguration Service (NRS) allows a customer to make changes in the individual circuit segments of their network. These changes are made at the DS0 level which have been multiplexed onto the DS1, or at the DS1 level which have been multiplexed onto the DS3. The changes are initiated by the customer calling the Telephone Company and requesting a reconfiguration to be completed. For DS0 to DS1, the desired reconfiguration can be mapped and stored and executed based on time of day or for disaster recovery.

(1) Effective December 5, 2018, Network Reconfiguration Service (NRS) will no longer be available for purchase by new or existing customers, and NRS service agreements may no longer be renewed. Effective July 31, 2022, the Telephone Company will no longer accept new requests for physical changes to existing service arrangements including the upgrade or downgrade of access/port speed, installation of new service, or moves to different service addresses.

(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 Service (Cont'd)
7.4 Rate Regulations

This section contains the specific regulations governing the rates and charges that apply for Special Access 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 14.2(C) and (D).

For all rate elements other than End User channel terminations and their optional features,⁽²⁾ price flex rates and charges, as provided in Section 31.5.2, apply, regardless of whether the county is Competitive or Non-Competitive.

For End User channel terminations and their optional features,⁽¹⁾⁽²⁾ 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 31.5.2. If the End User channel termination is in a Non-Competitive County, price cap rates and charges apply, as provided in Section 7.5.

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 fixed 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 fixed recurring rates that apply to each 24-hour period or fraction thereof that a Program Audio⁽³⁾ or 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.

The application of daily rates for Program Audio⁽³⁾ and Video services during a consecutive 30-day period is as follows. Daily rates will be topped at an amount equal to the monthly rate (i.e., the charge to the customer for usage billed at daily rates will not exceed the monthly rate). For each day or part day of usage after the daily rates have been topped, a charge equal to 1/30th of the monthly rate will apply.

- (1) Until February 1, 2018, End User channel terminations and their 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, Service to Service Through Connect - TV-1, and Network Reconfiguration 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 November 1, 2020.

(N)
(N)
(N)
(N)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.6 Multiplexed Services

The Telephone Company will commence billing the monthly rate for the High Capacity facilities to the Hub and the associated multiplexer 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. Individual service rates (e.g., Voice Grade⁽¹⁾, Metallic⁽¹⁾ or GDTs⁽¹⁾ Service) will apply for a Channel Termination and additional Channel Mileage (as required) for each channelized service. Channel Termination charges are not applied at Hubs when, by customer request, individual services are channelized by Telephone Company multiplexers. These will be billed to the customer as each individual service is installed. A High Capacity service may not be ordered with multiplexing to lower levels at both ends.

(N)

When cascading multiplexing is performed, whether in the same or a different Hub, a charge for the additional multiplexing unit also applies. When cascading multiplexing is performed at different Hubbing locations, Channel Mileage charges also apply between the Hubs at the appropriate service level (e.g., DS1 or DS3).

When a DS3x3 or DS3x12 is hubbed and segregated into individual DS3 services, a separate multiplexer charge is not required between the DS3x3 or DS3x12 service and the individual DS3 services. DS3 rates and charges will apply to the individual DS3 services as required (e.g., channel termination, channel mileage and optional features if requested). If multiplexing is used to multiplex DS3x3 or DS3x12 service to DS1 service, then at least one DS3 to DS1 multiplexer is required.

(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)

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7 Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.7 Video Service

(A) Video and Program Audio⁽¹⁾ Hubs

(N)

The Telephone Company will designate certain Hubs for Video and Program Audio Services. Full-time service will be provided between a customer designated premises and a Hub and billed accordingly at the monthly rates set forth in 7.5.4 and 7.5.5 following for a Channel Termination, Optional Features and Functions, and Channel Mileage, as applicable. The customer may order part-time and occasional Video and Program Audio services as needed between that Hub and a second customer designated premises. The rate elements required to provide the part-time or occasional service (i.e., Channel Termination, Optional Features and Functions, and Channel Mileage, as applicable) will be billed at daily rates for the duration of the service requested.

(C) Termination of Service

Customers requesting the termination of service prior to the expiration of the minimum service period, will be charged as indicated below:

Months remaining				
Monthly Rate	X	in Minimum	X	80%
Service Period				

= Termination 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 November 1, 2020.

(N)

(N)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges

Effective November 1, 2017, all rate elements, other than End User channel terminations and their optional features⁽²⁾ in Non-Competitive Counties, are no longer available from Section 7.5 for new service subscriptions.⁽¹⁾ 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 14.2(C) and (D).

7.5.1 Metallic Service⁽³⁾

(N)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
			<u>1st</u>	<u>Add'l</u>
(A) Channel Termination				
Per point of Termination	T6EME/T6ECS	\$33.00	\$396.00	\$384.00
(B) Channel Mileage		<u>Monthly Rates</u>		
	<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>	
	0	1L5XX/1L5MX	None	None
	Over 0	1L5XX/1L5MX	\$32.35	\$3.42
(C) Optional Features and Functions	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
(1) Bridging				
(a) Three Premises Bridging				
- Per Port	BCNM3	\$6.00	None	
(b) Series Bridging				
- Per Port	BCNMS	6.00	None	
(D) Rollover			<u>Nonrecurring Charges</u>	
	<u>USOC</u>		<u>1st</u>	<u>Add'l</u>
- Per point of Termination	NRBRA/SVR		\$147.00	\$129.00

(1) Until February 1, 2018, End User channel terminations and their 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, Service to Service Through Connect - TV-1, and Network Reconfiguration 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.

(N)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.2 Telegraph Grade Service⁽¹⁾

(N)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
			<u>1st</u>	<u>Add'l</u>
(A) Channel Termination				
- Per Point of termination				
Two-Wire	T6E2X	\$33.00	\$337.00	\$337.00
Four-Wire	T6E4X	41.40	396.00	384.00
(B) Channel Mileage				
	<u>USOC</u>	<u>Monthly Rates</u>		
		<u>Fixed</u>	<u>Per Mile</u>	
0	1L5XX/1L5	None	None	
Over 0	1L5XX/1L5	\$51.50	\$3.42	
(C) Optional Features and Functions				
	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
(1) Telegraph Bridging Two-Wire and Four-Wire Per Port				
Two-Wire	BCNT2	\$6.00	None	
Four-Wire	BCNT4	6.00	None	
(D) Rollover				
	<u>USOC</u>		<u>Nonrecurring Charges</u>	
			<u>1st</u>	<u>Add'l</u>
- Per point of Termination	NRBRA/SVR		\$337.00	\$337.00

(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.

(N)

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7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Voice Grade Service⁽¹⁾

(N)

		<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
				<u>1st</u>	<u>Add'l</u>
(A)	Channel Termination				
	Per Point of termination				
	- Two-Wire	T6E2X	\$23.60	\$450.00	\$300.00
	- Four-Wire	T6E4X	31.55	450.00	300.00
	- WATS Access Line				
	Per point of termination				
	- Two-Wire with screening and blocking	X2W	23.60	502.50	325.00
	- Four-Wire with screening and blocking	X4W	31.55	502.50	325.00
	- WATS Access Line				
	Per point of termination				
	- Two-Wire with no screening and blocking	2UW	21.00	502.50	325.00
	- Four-Wire with no screening and blocking	4UW	29.35	502.50	325.00

⁽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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7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Voice Grade Service⁽¹⁾

(N)

(B) Channel Mileage

	<u>USOC</u>	<u>Monthly Rates</u>	
		<u>Fixed</u>	<u>Per Mile</u>
0	1L5XX	None	None
Over 0	1L5XX	\$5.75	\$.85

(C) Optional Features and Functions*

(1) Bridging

	<u>USOC</u>	<u>Monthly Rates</u>	
		<u>Fixed</u>	<u>Per Mile</u>
(a) <u>Voice Bridging</u>			
- Per Port			
- Two-Wire	BCNV2	\$6.00	None
- Four-Wire	BCNV4	6.00	None

⁽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 Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Voice Grade Service⁽¹⁾ (Cont'd) (N)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(C) <u>Optional Features and Functions</u> (Cont'd)			
(1) <u>Bridging</u> (Cont'd)			
(b) <u>Data Bridging</u>			
Two-Wire/Four-Wire			
Per port			
Two-Wire	BCND2	\$6.00	None
Four-Wire	BCND4	6.00	None
(c) <u>Telephoto Bridging</u>			
Two-Wire/Four-Wire			
Per port			
Two-Wire	BCNF2	6.00	None
Four-Wire	BCNF4	6.00	None
(d)			

⁽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 Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Voice Grade Service⁽¹⁾ (Cont'd)

(N)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(C) Optional Features and Functions (Cont'd)			
(1) Bridging (Cont'd)			
(e) <u>Telemetry and Alarm Bridging</u>			
Active Bridging Channel Connections			
Split Band			
- Per channel connected	CNLRX	\$1.94	None
Summation			
- Per channel connected	BCNSA	1.94	None

(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 Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Voice Grade Service⁽¹⁾ (Cont'd) (N)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(C) Optional Features and Functions (Cont'd)			
(1) Bridging (Cont'd)			
(e) <u>Telemetry and Alarm Bridging</u> (Cont'd)			
Passive Bridging Channel Connections			
- Per channel connected	BCNTP	\$ 1.40	None
(2) Conditioning			
- Per Point of Termination			
C - Type	X1CPT	6.46	None
Sealing Current	1HBPT	None	None
Improved Attenuation Distortion	UHW	8.32	\$134.95
Improved Envelope Delay Distortion	UHY	36.96	318.09

⁽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 Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Voice Grade Service⁽¹⁾ (Cont'd)

(N)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(C) Optional Features and Functions (Cont'd)			
(3) Improved Termination			
- Per point of termination			
- Four-Wire	1RL4W	\$9.10	None
(4) Improved Return Loss for Effective Two-wire Transmission			
- Per point of termination			
- Two-Wire	1RL2W	11.78	None
(5) Customer Specified Receive Level			
- Per point of termination	RLS	4.11	None
(6) Multiplexing Voice to Telegraph Grade			
- Per arrangement	MQX	150.00	None
(7) Data Capability			
- Per point of termination	XDCPT	1.20	\$212.84
(8) Telephoto Capability			
- Per point of termination	XTCPT	2.24	212.84

⁽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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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Voice Grade Service⁽¹⁾ (Cont'd) (N)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(C) Optional Features and Functions (Cont'd)			
(9) Signaling Capability			
- Per point of termination	XSS++	\$0.93	None
(10) Selective Signaling Arrangement			
- Per arrangement	USZ	6.47	None
(11) Transfer Arrangement (key activated* or dial up**)			
- Per four port arrangement including control channel termination***	USY	\$3.97	None
- Per five port arrangement including control channel termination***	US5	3.97	None

* The key activated control Channel is rated as a Metallic Channel Termination (use USOC: T6EME in lieu of T6ECS) and Channel Mileage, if applicable (use USOC: 1L5MX in lieu of 1L5XX).

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

*** An additional Channel Termination charge will apply whenever a spare Service Channel is configured leg to the customer's premises. As a Additional channel mileage 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. (N)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Voice Grade Service⁽¹⁾ (Cont'd)

(N)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(C) Optional Features and Functions (Cont'd)			
(12) Improved Two-Wire			
WAL Transmission Specifications			
- Per two-wire point of termination	X2T	\$1.39	None
(13) Simplex Reversal			
- Per point of termination	None	None	None
(14) LEPL 2			
- Per point of termination	None	None	None
(15) Port Access to Verify Integrity of Subscriber Lines BSE			
- per port	VE1SL	167.00	\$352.00
(Minimum of two ports required to provide service)			
(16) Multiplexer Cross Connect			
0 Channel Miles	1L5TC	3.00	40.00
over 0 Channel Miles	1L5TC	3.00	40.00

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.3 Voice Grade Service⁽¹⁾ (Cont'd)

(N)

(D) Rollover

	<u>USOC</u>	<u>Nonrecurring Charges</u>	
		<u>1st</u>	<u>Add'l</u>
- Per point of Termination	NRBRA/SVR	\$147.00	\$129.00

	<u>USOC</u>	<u>Nonrecurring Charges</u>	
		<u>1st</u>	<u>Add'l</u>
(E) Rollover when Point of Termination Changes			
- Per point of Termination	NRBRO/SVRPT	\$245.00	\$176.00

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.4 Program Audio Service ⁽¹⁾

(N)

				<u>Nonrecurring</u> <u>Charges</u>		
		<u>Monthly</u>	<u>Daily</u>	<u>Monthly</u>	<u>Daily</u>	
		<u>USOC</u>	<u>Rates</u>	<u>Rates</u>	<u>Monthly</u>	<u>Daily</u>
(A) Channel Termination						
- Per Point of termination						
-	300 to 2500 Hz	T6EAS	\$50.00	\$5.50	\$294.00	\$294.00
-	200 to 3500 Hz	T6ECS	50.00	5.50	294.00	294.00
-	100 to 5000 Hz	T6ECS	50.00	5.50	386.50	386.50
-	50 to 8000 Hz	T6ECS	40.00	5.60	399.25	399.25
-	50 to 15000 Hz	T6ECS	35.00	5.60	399.25	399.25

(B) Channel Mileage

		<u>Monthly Rates</u>		<u>Daily Rates</u>		
		<u>USOC</u>	<u>Fixed</u>	<u>Per Mile</u>	<u>Fixed</u>	<u>Per Mile</u>
(1) 300 to 2500 Hz						
	0	1L5XX/1L5	None	None	None	None
Over	0	1L5XX/1L5	\$55.00	\$2.00	\$5.50	\$0.20
(2) 200 to 3500 Hz						
	0	1L5XX/1L5	None	None	None	None
Over	0	1L5XX/1L5	\$55.00	\$2.00	\$5.50	\$0.20

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(N)
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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.4 Program Audio Service⁽¹⁾ (Cont'd)

(N)

(B) Channel Mileage (Cont'd)

	USOC	Monthly Rates		Daily Rates		
		Fixed	Per Mile	Fixed	Per Mile	
(3) 100 to 5000 Hz						
0	1L5XX/1L5	None	None	None	None	
Over 0	1L5XX/1L5	\$40.00	\$2.00	\$5.50	\$0.20	
(4) 50 to 8000 Hz						
0	1L5XX/1L5	None	None	None	None	
Over 0	1L5XX/1L5	\$45.00	\$2.00	\$7.50	\$0.20	
(5) 50 to 15000 Hz						
0	1L5XX/1L5	None	None	None	None	
Over 0	1L5XX/1L5	\$50.00	\$2.00	\$8.00	\$0.20	

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(N)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.4 Program Audio Service⁽¹⁾ (Cont'd)

(N)

(C) Optional Features and Functions

		Monthly	Daily	Nonrecurring	
	USOC	Rates	Rates	Charges	
				Monthly	Daily
(1) Bridging (Distribution Amplifier)					
- Per port	BCNPT	\$3.73	\$0.37	None	None
(2) Gain Conditioning					
Per service	XGC	None	None	\$149.17	\$149.17
(3) Stereo					
Per service	XSC	None	None	328.35	328.35
(4) Hubbing Arrangements					
				Nonrecurring	USOC
				Charge	
- Full-time to Full-time		\$ 18.95			NRBP4/BCSWA
- Full-time to Part-time		18.95			NRBP4/BCSWA
- Part-time to Part-time		18.95			NRBP4/BCSWA

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.8 Generic Digital Transport Service ⁽¹⁾ (N)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
			<u>1st</u>	<u>Add'l</u>
(A) Channel Termination Per point of termination				
2.4 kbps	T6ECS	\$64.00	\$340.00	\$265.00
4.8 kbps	T6ECS	64.00	340.00	265.00
9.6 kbps	T6ECS	64.00	340.00	265.00
19.2 kbps	T6ECS	64.00	340.00	265.00
56.0 kbps	T6ECS	64.00	340.00	265.00
64.0 kbps	T6ECS	64.00	340.00	265.00

(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. (N)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.8 Generic Digital Transport Service ⁽¹⁾ (Cont'd)

(N)

(B) Channel Mileage

(1) 2.4 kbps

	<u>USOC</u>	<u>Monthly Rates</u>	
		<u>Fixed</u>	<u>Per Mile</u>
0	1L5XX	None	None
Over 0	1L5XX	25.00	\$1.04

(2) 4.8 kbps

0	1L5XX	None	None
Over 0	1L5XX	25.00	\$1.04

(3) 9.6 kbps

0	1L5XX	None	None
Over 0	1L5XX	25.00	\$1.04

(4) 19.2 kbps

0	1L5XX	None	None
Over 0	1L5XX	25.00	\$1.04

⁽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.

(N)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.8 Generic Digital Transport Service ⁽¹⁾ (Cont'd) (N)

(B) Channel Mileage

(5) 56 kbps

	USOC	Monthly Rates	
		Fixed	Per Mile
0	1L5XX	None	None
Over 0	1L5XX	25.00	\$1.04

(6) 64 kbps

0	1L5XX	None	None
Over 0	1L5XX	25.00	\$1.04

⁽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. (N)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.8 Generic Digital Transport Service⁽¹⁾ (Cont'd) (N)

(C) Optional Features and Functions

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(1) Bridging			
- Per port	BCNDA	\$6.00	None
(2) Loop Transfer Arrangement (Key activated* or Dial-up**)			
- Per initial three port arrangement (includes a spareline)***	XTD	5.42	None

* The key activated control channel is rated as a Metallic Channel Termination (use USOC T6EME in lieu of T6ECS) and Channel Mileage, if applicable (use USOC 1LM5X in lieu of 1L5XX).

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

*** An additional channel termination charge will apply whenever a spare channel is configured as a leg to the customer premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer premises serving wire center.

(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 Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.8 Generic Digital Transport Service⁽¹⁾ (Cont'd) (N)

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

	USOC	Monthly Rates	Nonrecurring Charges
(4) DS1 to DS0			
- Per arrangement	QMU	\$170.00 (Rx)	None
	QMUA1#	170.00 (Rx)	None
(5) DS0 to Subrates			
- Per arrangement			
- Up to 20 2.4 kbps services	QSU24	125.00	None
	QSC24#	125.00	None
- Up to 10 4.8 kbps services	QSU48	125.00	None
	QSC48#	125.00	None
- Up to 5 9.6 kbps services	QSU96	125.00	None
	QSC96#	125.00	None
(6) Secondary Channel* (per station)			
- 133 bps	DSC24	4.85	None
- 266 bps	DSC48	4.85	None
- 533 bps	DSC96	4.85	None
- 2,666 bps	DSC56	4.85	None

* Secondary Channel can only be ordered in conjunction with Digital Data Multiplexing and/or Digital Data Services.

Secondary Channel capability.

(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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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.8 Generic Digital Transport Service ⁽²⁾ (Cont'd) (N)

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

(7) Multiplexer Cross-Connect

Channel Mileage	USOC	Monthly Rates	Nonrecurring Charges
0	1L5TC	\$3.00	\$40.00
Over 0	1L5TC	3.00	40.00

(8) Customer Network Reconfiguration⁽¹⁾

	USOC	Monthly Rates	Nonrecurring Charges
- per DSO termination	CNND0	\$5.00	
- per DSO reconfiguration	RFNDO	None	\$4.25

(D) Rollover

	USOC	1st	Nonrecurring Charges Add'l
- Per point of Termination	NRBRA/SVR	\$147.00	\$129.00

(E) Rollover when Point of Termination Changes

- Per point of Termination	NRBRO/SVRPT	245.00	176.00
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⁽¹⁾ Effective December 5, 2018, Network Reconfiguration Service (NRS) will no longer be available for purchase by new or existing customers, and NRS service agreements may no longer be renewed. Effective July 31, 2022, the Telephone Company will no longer accept new requests for physical changes to existing service arrangements including the upgrade or downgrade of access/port speed, installation of new service, or moves to different service addresses.

⁽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 Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.9 High Capacity Service (Cont'd)

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

(1) Multiplexing (Cont'd)

DS3 to DS1 or Fiber (Cont'd)		Monthly	Nonrecurring
Advantage SM DS1	USOC	Rates	Charges
Option 1@			
Option 2@@			
- Per arrangement			
3 Year			
	Zone 1	\$287.50	\$0.00
	Zone 2	297.50	0.00
	Zone 3	307.50	0.00
5 Year			
	Zone 1	275.00	0.00
	Zone 2	285.00	0.00
	Zone 3	295.00	0.00
DS1C to DS1			
- Per arrangement		MXH++	ICB**
			None
DS1 or Fiber Advantage SM DS1 to Voice/Digital* ^{(1) (2)}			
- Per arrangement			
	Zone 1	MQ1/MQ2	\$240.00
	Zone 2	MQ1/MQ2	275.00
	Zone 3	MQ1/MQ2	300.00

(N)

* A channel(s) of this DS1 can be connected to a WATS Access Line. If this DS1 terminates in a GDTS hub, a channel(s) of the DS1 can be used to provide GDTS. GDTS service stops at the DS1 interface.

** ICB rates and charges are filed in 7.6, following.

@ A channel of this DS3 can be connected to a DS1.

@@ A channel of this DS3 can be connected to a DS1 and reconfigured within the DCS hub..

(1) Effective May 17, 2003, Fiber AdvantageSM DS1 Rate Stability Payment Plan will no longer be available to new customers. There will be no change to existing customers. Refer to section 7.4.11(A) for conversion options.

(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 Service (Cont'd)
- 7.5 Rates and Charges (Cont'd)
- 7.5.9 High Capacity Service (Cont'd)

(I) DS1 Term Payment Plan

Rates and charges for the DS1 Term Payment Plan⁽¹⁾

(1) Channel Termination

- Per Point of Termination

USOC	1 Year	2 Year	3 Year	5 Year	7 Year
TMECS ZN1	\$126.00	\$126.00	\$121.00	\$113.00	\$110.00
TMECS ZN2	\$136.00	\$135.50	\$123.75	\$115.00	\$112.00
TMECS ZN3	\$144.00	\$139.00	\$133.50	\$121.50	\$118.55 (R)

(2) Channel Mileage

- Fixed

USOC	1 Year	2 Year	3 Year	5 Year	7 Year
1L5XX ZN1	\$ 48.00	\$ 44.50	\$43.00	\$ 38.00	\$ 34.50
1L5XX ZN2	\$ 48.00	\$ 47.00	\$45.50	\$ 40.50	\$ 37.00
1L5XX ZN3	\$ 48.00	\$ 47.50	\$46.00	\$ 41.00	\$ 37.50

- Per Mile

USOC	1 Year	2 Year	3 Year	5 Year	7 Year
1L5XX ZN1	\$ 10.00	\$ 9.95	\$ 9.90	\$ 9.75	\$ 9.25
1L5XX ZN2	\$ 10.05	\$ 10.00	\$ 9.90	\$ 9.75	\$ 9.25
1L5XX ZN3	\$ 10.05	\$ 10.00	\$10.00	\$ 9.75	\$ 9.25

(3) Central Office Multiplexing DS1 to DS0 voice/digital⁽¹⁾

(N)

- Per arrangement

USOC	1 Year	2 Year	3 Year	5 Year	7 Year
MQ1/MQ2/QMU ZN 1	\$230.00	\$210.00	\$200.00	\$195.00	\$190.00
MQ1/MQ2/QMU ZN 2	\$250.00	\$210.00	\$200.00	\$195.00	\$190.00
MQ1/MQ2/QMU ZN 3	\$250.00	\$250.00	\$200.00	\$195.00	\$190.00

(4) Collocation Transport

- Channel Mileage

- Fixed

USOC	1 Year	2 Year	3 Year	5 Year	7 Year
1H48S	\$ 48.00	\$ 44.50	\$ 42.00	\$ 37.00	\$ 34.50

- Per Mile

USOC	1 Year	2 Year	3 Year	5 Year	7 Year
1H48S	\$10.05	\$10.05	\$ 9.90	\$ 9.50	\$ 9.25

- (1) 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- or 7-year Payment Plan term for the remainder of that term.
- (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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