

TARIFF DISTRIBUTION

FILE PACKAGE NO.: 3464

DATE: November 20, 2019

STATE: SWBT-FCC

EFFECTIVE DATE: 11/20/2019

TYPE OF DISTRIBUTION: Approved

PURPOSE: SWBT FCC #73 VG/DS0 Grandfather

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7-126.39	4th	7-153.3	3rd*	7-169.35	4th
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7-126.41	3rd	7-154.1	7th*	7-169.37	6th
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7-126.46	4th	7-159	4th	7-169.42	2nd
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7-127	1st*	7-163	4th	7-170	10th*
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7-187	8th	7-189.34	3rd	7-206	4th
7-188	10th	7-189.35	1st	7-207	6th
7-189	8th	7-189.36	1st	7-208	4th
7-189.1	7th*	7-189.37	Original	7-209	4th
7-189.2	6th*	7-189.38	1st	7-209.1	6th
7-189.3	7th*	7-189.39	5th	7-209.2	7th
7-189.4	11th*	7-189.40	13th	7-209.3	5th
7-189.5	10th*	7-189.41	5th	7-209.4	5th
7-189.6	10th	7-189.42	7th	7-209.4.1	7th
7-189.7	5th	7-189.43	Original	7-209.4.2	8th
7-189.8	6th	7-189.44	Original	7-209.4.3	6th
7-189.9	8th	7-189.45	Original	7-209.4.4	6th
7-189.10	6th	7-189.46	Original	7-209.4.5	5th
7-189.11	7th	7-189.47	Original	7-209.4.6	7th
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7-189.16	3rd	7-189.52	3rd	7-209.4.11	3rd
7-189.17	10th	7-189.53	8th	7-209.4.12	3rd
7-189.18	3rd	7-189.54	9th*	7-209.4.13	3rd
7-189.19	5th	7-189.55	4th	7-209.4.14	5th
7-189.20	5th	7-190	4th	7-209.4.15	3rd
7-189.21	6th	7-191	6th	7-209.4.16	3rd
7-189.22	5th	7-192	4th	7-209.4.17	3rd
7-189.23	5th	7-193	4th	7-209.4.18	5th
7-189.24	4th	7-194	4th	7-209.4.19	3rd
7-189.25	2nd	7-195	6th	7-209.4.20	3rd
7-189.26	3rd	7-196	4th	7-209.4.21	1st
7-189.27	2nd	7-197	4th	7-209.4.22	3rd
7-189.28	3rd	7-198	4th	7-209.4.23	1st
7-189.29	2nd	7-199	5th	7-209.4.24	1st
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7. Special Access Service (Cont'd)7.1 Service Provisioning (Cont'd)7.1.1 Types of Service Configurations (Cont'd)(C) Multiplexed Service

Multiplexed service is an arrangement that allows the conversion of Voice Grade⁽¹⁾, Analog, and Digital High Capacity facilities to lower capacity or bandwidth. The types of multiplexing available are as follows: (N)

(1) Voice Grade⁽¹⁾ to Telegraph⁽¹⁾ (43 Type Carrier) (N)

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

- (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)7.1 Service Provisioning (Cont'd)7.1.1 Types of Service Configurations (Cont'd)(C) Multiplexed Service (Cont'd)(2) High Capacity (DS1) to Voice Grade⁽¹⁾ (N)

An arrangement that converts a 1.544 Mbps channel to 24 channels for use with Voice Grade⁽¹⁾ services. A channel of this DS1 to the hub can also be used for MegaLink Data⁽¹⁾, Program Audio⁽²⁾ or Metallic⁽¹⁾ service or WATS Access Lines. (N)

(3) High Capacity (DS1) to DS0⁽¹⁾ (N)

An arrangement that converts a 1.544 Mbps channel to 23 64.0 kbps channels utilizing digital time division multiplexing.

(4) High Capacity DS0 to Subrate⁽¹⁾ (N)

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

(5) DS0 to Subrate⁽¹⁾ (N)

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

(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)

(2) Effective November 20, 2019, this Service will no longer be available for purchase by new or existing customers, and service agreements may no longer be renewed. In addition, requests to move, add or change existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after November 1, 2020. (N)

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7. Special Access Service (Cont'd)7.1 Service Provisioning (Cont'd)7.1.2 Types of Channels

For the purpose of ordering, there are ten categories (channel types) of Special Access Service. These are as follows:

Metallic ⁽¹⁾	(N)
Telegraph Grade ⁽¹⁾	(N)
Voice Grade ⁽¹⁾	(N)
Program Audio ⁽²⁾	(N)
Video	
MegaLink Data ⁽¹⁾	(N)
High Capacity	

Detailed descriptions of each of the channel types are provided in Section 7.3.

- (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)
- (2) Effective November 20, 2019, this Service will no longer be available for purchase by new or existing customers, and service agreements may no longer be renewed. In addition, requests to move, add or change existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after November 1, 2020. (N)

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7. Special Access Service (Cont'd)7.1 Service Provisioning (Cont'd)7.1.4 Ordering Options and Provisions

Each channel type is identified as a type of Special Access Service. However, such identification is not intended to limit a customer's use of the channel nor to imply that the channel is limited to a particular use. For example, if a customer's equipment is capable of transmitting voice over a channel that is identified as a Metallic Service in this tariff, there is no restriction against doing so.

Customers can order a basic channel and select from a list of available transmission parameters and channel interfaces to meet specific communications requirements.

Additionally, the customer may specify optional features and BSEs for the individual channels derived from the facility to further tailor the channels to meet specific communications requirements. Descriptions of the optional features, BSEs and functions available are set forth in 7.3 (Service Descriptions, Rates and Charges).

The customer has the option of ordering Voice Grade⁽¹⁾ and High Capacity (analog or digital) facilities (i.e., Group, Supergroup, Mastergroup, DS1 and DS3) to a Telephone Company Facility Hub for multiplexing to individual channels of lower capacity or bandwidth (i.e., Telegraph⁽¹⁾, Voice⁽¹⁾, Program Audio⁽²⁾, etc.). Descriptions of the types of multiplexing available at the hubs, as well as the number of individual channels which may be derived from each type of facility are set forth in 7.3 (Service Descriptions, Rates and Charges). (N)

- (1) Effective November 20, 2019, this Service will no longer be available for purchase by new or existing customers, and service agreements may no longer be renewed. In addition, requests to move, add or change existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024. (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 November 1, 2020. (N)

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

Testing and test results, are available at the customer's request as follows:

- (A) At no additional charge, the Telephone Company will cooperatively test the following parameters at the time of installation:
- (1) For Voice Grade analog services (including WATS Access Lines)⁽¹⁾, acceptance test will include tests (N) 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, a balance test will be made if the customer has ordered the Improved Return Loss or Improved Equal Level Echo Path Loss optional features.
 - (2) For other analog services (i.e., Metallic⁽¹⁾, Telegraph⁽¹⁾, Program Audio⁽²⁾, and Video) acceptance tests will include tests for the parameters applicable to the service as specified by the customer in the order for service. (N)
 - (3) For digital services, acceptance tests will include tests applicable to the service as specified in the appropriate Technical References for MegaLink Data⁽¹⁾ and High Capacity services. (N)

- (1) Effective November 20, 2019, this Service will no longer be available for purchase by new or existing customers, and service agreements may no longer be renewed. In addition, requests to move, add or change existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024. (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 November 1, 2020. (N)

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7. Special Access Service (Cont'd)

7.1 Service Provisioning (Cont'd)

7.1.7 Acceptance Testing (Cont'd)

(B) In addition to the above tests, Additional Cooperative Acceptance Testing for Voice Grade⁽¹⁾ and Digital services to test other parameters, as described in 13.3.7(A) (Additional Cooperative Acceptance Testing), is available. (N)

(1) Effective November 20, 2019, this Service will no longer be available for purchase by new or existing customers, and service agreements may no longer be renewed. In addition, requests to move, add or change existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024. (N)

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.2 Rate Regulations (Cont'd)7.2.1 Rate Elements (Cont'd)(D) Service to Service Through Connect Arrangement

The Service to Service Through Connect Arrangement rate element provides for an interconnection of like services in a Telephone Company Hub or serving wire center. The through connection is provided in conjunction with Voice Grade Analog⁽¹⁾, Program Audio⁽²⁾, MegaLink Data⁽¹⁾ and High Capacity services. The customer billed for the through connect arrangement will be responsible for all billing associated with the interconnection. (N)

(E) Collocation Transport

Collocation Transport provides for the transmission facilities between collocation arrangements located in Telephone Company Central Offices.

There are two components of Collocation Transport.

(1) Inter/Intra Office Fixed

Inter/Intra office fixed rate element provides for the electronic equipment required to terminate a channel between two collocation arrangements located either in the same central office (intra) or in two separate central offices (inter).

When the Intra Office Fixed channel is ordered between two collocation arrangements that are for the same collocator, it will be provisioned as a temporary arrangement and will be in service until the collocator's own facilities are installed. There is no additional charge to disconnect these temporary facilities.

(2) Inter Office Per Mile

The Per Mile charge provides for the electronic equipment and facilities necessary to provide the interoffice transport between two collocation arrangements.

(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)

(2) Effective November 20, 2019, this Service will no longer be available for purchase by new or existing customers, and service agreements may no longer be renewed. In addition, requests to move, add or change existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after November 1, 2020. (N)

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ACCESS SERVICE

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

Daily rates are flat recurring rates that apply to each 24-hour period or fraction thereof that a Program Audio⁽¹⁾ 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. (N)

Part-time or occasional Video or Program Audio⁽¹⁾ Service provided within a consecutive 30-day period will be charged the daily rate, not to exceed an amount equal to the monthly rate. For each subsequent day or part day, a charge equal to 1/30th of the monthly rate shall apply. (N)

(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)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.4 Nonrecurring Charges* (Cont'd)

(B) Installation of Optional Features, BSEs and Functions

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

The optional features for which nonrecurring charges apply are:

- Voice Grade⁽¹⁾ Data Capability (N)
- Program Audio⁽²⁾ Gain Conditioning (N)
- Program Audio⁽²⁾ Stereo (N)
- MegaLink Data⁽¹⁾ Loop Transfer Arrangement (N)
- MegaLink Data⁽¹⁾ Secondary Channel (N)
- High Capacity Transfer Arrangement
- High Capacity Clear Channel Capability
- High Capacity SecureNet Hub Redundancy
- High Capacity SecureNet Serving Wire Center and Facility Redundancy

(C) Installation of Service to Service Through Connect Arrangements

Nonrecurring charges apply for the work activity necessary to provide the intraoffice connection between dedicated, like services. The through connection is provided in conjunction with Voice Grade Analog⁽¹⁾, Program Audio⁽²⁾, MegaLink Data⁽¹⁾, and High Capacity two-point services. (N)

* For Services ordered under MVP, refer to Section 38.3(E)(5).

- (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)
- (2) Effective November 20, 2019, this Service will no longer be available for purchase by new or existing customers, and service agreements may no longer be renewed. In addition, requests to move, add or change existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after November 1, 2020. (N)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Minimum Periods

The minimum service period for all services, except part-time and occasional Broadcast Video, Program Audio⁽²⁾ services and 128, 256, and 384 kbps MegaLink Data Service⁽¹⁾, is one month. (N)

The minimum service period for part-time and occasional Broadcast Video and Program Audio⁽²⁾ services is one day (i.e., a continuous 24-hour period, not limited to a calendar day). The minimum service period for 128, 256, and 384 kbps MegaLink Data Service⁽¹⁾ is 6 months. (N)

(1) Effective November 20, 2019, this Service will no longer be available for purchase by new or existing customers, and service agreements may no longer be renewed. In addition, requests to move, add or change existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024. (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 November 1, 2020. (N)

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ACCESS SERVICE

7. Special Access Service (Cont'd)
 7.3 Service Descriptions, 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 7.3 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 7.2. A list of Competitive and Non-Competitive Counties is located in Sections 15.2(C) and (D).

7.3.1 General

The types of Special Access Service are:

- Metallic⁽³⁾ (MT) (N)
- Telegraph Grade⁽³⁾ (TG) (N)
- Voice Grade⁽³⁾ (VG) (N)
- Program Audio⁽⁴⁾ (AP) (N)
- Video
- MegaLink Data⁽³⁾ (DA) (N)
- High Capacity (HC)

Each of the channel types has its own characteristics. All are subdivided by one or more of the following:

- Transmission specifications
- Bandwidth
- Speed (i.e., bit rate)
- Spectrum.

(A) Descriptions

Each service consists of a basic channel to which the following services can be added as required to construct the service desired by the customer:

- Technical specifications packages (customized or predefined)
- Channel interface(s)
- Optional features, BSEs and functions.

- (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 7.3, except for the Loop Transfer Arrangement.
- (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.
- (4) Effective November 20, 2019, this Service will no longer be available for purchase by new or existing customers, and service agreements may no longer be renewed. In addition, requests to move, add or change existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

(N)
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 (N)

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.3 Service Descriptions, Rates and Charges (Cont'd)7.3.1 General (Cont'd)(B) Technical Specifications Packages (Cont'd)

Metallic ⁽²⁾	TR-NPL-000336	(N)
Telegraph Grade ⁽²⁾	TR-NPL-000336	(N)
Voice Grade ⁽²⁾	TR-TSY-000335	(N)
	PUB 41004, Table 4	
WALS	TR-NWT-000334	
Program Audio ⁽³⁾	TR-NPL-000337	(N)
Broadcast Video	GR-0338-CORE	
Business Video	TP-76644	
⁽¹⁾		
MegaLink Data ⁽²⁾	TR-NPL-000341	(N)
	PUB 62310	
High Capacity	TP-76625	
	PUB 62411	
	TR-INS-000342	

Customers who wish to obtain copies of these references may obtain ordering information from the User's Guide section of this tariff.

(C) Channel Interfaces

A matrix is provided in paragraph (C) of Sections 7.3.2 through 7.3.10 that indicates the channel interfaces which are compatible with each channel type.

Channel interfaces at each Point of Termination on a two-point or multipoint service may be symmetrical or asymmetrical. However, communications can only be provided between points of termination with compatible channel interfaces. Only certain channel interfaces are compatible. These may be found in the appropriate Technical Reference cited for each channel type.

- (1) Material in this Section has been de-tariffed as required by the Commission upon use of the forbearance relief pursuant to FCC Memorandum Opinion and Order No. 07-180, released October 12, 2007. Terms and Conditions associated with de-tariffed services are available at www.att.com/guidebook.
- (2) Effective November 20, 2019, this Service will no longer be available for purchase by new or existing customers, and service agreements may no longer be renewed. In addition, requests to move, add or change existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024. (N)
- (3) Effective November 20, 2019, this Service will no longer be available for purchase by new or existing customers, and service agreements may no longer be renewed. In addition, requests to move, add or change existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after November 1, 2020. (N)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.2 Metallic Service⁽¹⁾

(N)

(A) Basic Channel Description

A Metallic channel is an unconditioned two-wire channel capable of transmitting low speed varying signals at rates up to 30 baud. This channel is provided by metallic or equivalent facilities. Metallic channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub where bridging functions are performed. Interoffice metallic facilities will be limited in length to a total of five miles per channel.

(B) Technical Specifications Packages

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

(C) Channel Interfaces (CI)

The following channel interfaces identify the direct current or voltage at the interface.

CI	DC/Voltage
DC-1	Monitoring with series RC combination
DC-2	Energized interface
DC-3	DC Continuity

(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)7.3 Service Descriptions, Rates and Charges (Cont'd)7.3.2 Metallic Service⁽¹⁾ (Cont'd)

(N)

(D) Optional Features, BSEs and Functions

	Package MT-			
	C	1	2	3
Central Office Bridging:				
Series Bridging	X		X	
Three Premises Bridging	X	X		X

(1) Central Office Bridging BSE Capability(a) Series Bridging

Bridging of up to 26 customer designated premises.

(b) 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.

(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)

(This page filed under Transmittal No. 3464)

Issued: November 5, 2019

Effective: November 20, 2019

Four AT&T Plaza, Dallas, Texas 75202

7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.2 Metallic Service⁽¹⁾ (Cont'd)

(N)

(E) Rates and Charges

All rates and charges apply to Arkansas, Kansas, Missouri, Oklahoma, and Texas. Each rate element is shown with its associated USOC, where appropriate.

	Monthly Rate		Nonrecurring Charge	
	Fixed	Per Mile	1st Ckt	Addl Ckt
(1) <u>Channel Termination</u> (T6ECS)				
Per point of termination	\$ 27.00		\$129.00	\$ 89.00
(2) <u>Channel Mileage</u> (1L5XX)				
0 miles	\$ 0.00	\$ 0.00		
Over 0 miles	\$ 25.00	\$ 1.00		
(3) <u>Series Bridging</u> (BCNMS)			Nonrecurring Charge	
Per Port	\$ 0.13		\$ 0.00	
(4) <u>Three Premises Bridging</u> (BCNM3)			Nonrecurring Charge	
Per Port	\$ 0.13		\$ 0.00	

(1) Effective November 20, 2019, this Service will no longer be available for purchase by new or existing customers, and service agreements may no longer be renewed. In addition, requests to move, add or change existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

(N)

(N)

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7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.3 Telegraph Grade Service⁽²⁾

(N)

(A) Basic Channel Description

A Telegraph Grade channel is an unconditioned channel capable of transmitting binary signals at rates of 0-75 baud or 0-150 baud. This channel is furnished for half-duplex or duplex operation. Telegraph Grade channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub.

(B) Technical Specifications Packages

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

(C) Channel Interfaces (CI)

Following are channel interfaces normally associated with Telegraph Grade Service.

CI	Definition
DB10	108 Data Set
DB43	43 Telegraph Carrier
IA	E.I.A. RS-232
TT2	20 Ma
TT3	3 Ma
TT6	62.5 Ma

(D) Optional Features, BSEs and Functions

		Package TG-		
		C	1	2
Telegraph Bridging	X	X	X	

(1) Telegraph bridging is available as two-wire.

(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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7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.3 Telegraph Grade Service ⁽¹⁾ (Cont'd)

(N)

(E) Rates and Charges

All rates and charges apply to Arkansas, Kansas, Missouri, Oklahoma, and Texas. Each rate element is shown with its associated USOC, where appropriate.

	Monthly Rate		Nonrecurring Charge	
	Fixed	Per Mile	1st Ckt	Addl Ckt
(1) <u>Channel Termination</u>				
Per point of termination				
Two-wire (T6E2X)	\$ 30.00		\$185.00	\$132.00
Four-Wire (T6E4X)	\$ 45.00		\$174.00	\$132.00
(2) <u>Channel Mileage</u> (1L5XX)				
0 miles	\$ 0.00	\$ 0.00		
Over 0 miles	\$ 18.44	\$ 2.41		
(3) <u>Telegraph Bridging</u>			<u>Nonrecurring Charge</u>	
Per Port				
Two-wire (BCNT2)	\$ 5.31		\$ 0.00	

(1) Effective November 20, 2019, this Service will no longer be available for purchase by new or existing customers, and service agreements may no longer be renewed. In addition, requests to move, add or change existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

(N)
 |
 (N)

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7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.4 Voice Grade Service⁽¹⁾

(N)

(A) Basic Channel Description

A Voice Grade channel is a channel which provides voice frequency transmission capability in the nominal frequency range of 300 to 3000 hertz (Hz) and may be terminated two-wire or four-wire. Voice Grade channels are provided between customer designated premises, between a customer designated premises and a Telephone Company Hub or between a customer designated premises and a WATS serving office. When a single Voice Grade channel is ordered to be terminated at a customer's designated Interexchange Carrier's all-digital POP which requires a minimum digital interface level of 1.544 Mbps, the Telephone Company will provide the required interface where facilities are available.

(B) Technical Specifications Packages

Transmission Parameter	C*	1	2	3	4	5	6	7	8	9	10	11	12	W**
Attenuation														
Distortion	X	X	X	X	X	X	X	X	X	X	X	X	X	X
C-Message Noise	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Echo Control	X	X	X	X		X		X	X					X***
Envelope Delay														
Distortion	X						X	X	X	X	X	X	X	X
Frequency Shift	X						X	X	X	X	X	X	X	X
Impulse Noise	X					X	X	X	X	X	X	X	X	X
Intermodulation														
Distortion	X						X	X	X	X	X	X		X
Loss Deviation	X	X	X	X	X	X	X	X	X	X	X	X	X	
Phase Hits, Gain Hits, and Dropouts	X						X	X	X	X	X	X	X	
Phase Jitter	X						X	X	X	X	X	X		X
Signal-to-C Message Noise				X										
Signal-to-C Notch Noise	X						X	X	X	X	X	X	X	X

* The desired parameters are selected by the customer from the list of available parameters.
 ** Denotes WATS Access Lines (WALs).
 *** When WAL extensions are provided, Echo Control limits are not applicable.

Reissued material is scheduled to become effective July 1, 1992.

Revised material is filed under the authority of Special Permission No. 92-125 of the F.C.C.

(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)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.4 Voice Grade Service⁽²⁾ (Cont'd)

(N)

(C) Channel Interfaces (CI)

The following channel interfaces are for Voice Grade Service.

CI	Signaling Capability Required	Signaling Capability Not Required
AB	X	
AC	X	
AH		X
CT	X	
DA		X
DB		X
DD		X
DE		X
DS		X
DX	X	
DY	X	
EA	X	
EB	X	
EC	X	
EX	X	
GO	X	
GS	X	
LA	X	
LB	X	
LC	X	
LO	X	
LR	X	
LS	X	
NO		X
PR		X
RV	X	
SF ¹	X	
TF		X

(1) This feature is obsolete, and limited to existing installations at existing locations, for existing customers as of June 19, 1995.

(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)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.4 Voice Grade Service⁽¹⁾ (Cont'd)

(N)

(C) Channel Interfaces (CI) (Cont'd)

The following channel interfaces are for WALs.

<u>CI</u>	<u>Signaling*</u> <u>Required</u>	<u>Signaling</u> <u>Not Required</u>
DS	X	
GS	X	
LS	X	

(D) Analog Service to Service Through Connect Arrangement Multiplexed Arrangement

This provides for the interconnection of two subtending analog channels derived from DS1 multiplexed services. The through connect will be provisioned in lieu of a typical voice grade channel termination. The ordering customer must provide channel assignments for both. Voice Grade channel mileage is required if the multiplexed services are terminated in two separate hubs.

(E) Four-Wire/Two-Wire Conversion

When a customer requests that an effective four-wire channel be terminated with a two-wire channel interface at the customer designated premises, a four-wire to two-wire conversion is required. The rate for the conversion is included as part of the basic Channel Termination rate.

* Signaling as defined in 6.3 (Miscellaneous Services Descriptions).

(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)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.4 Voice Grade Service⁽²⁾ (Cont'd)

(N)

(F) Optional Features, BSEs and Functions

	Package VG-													
	C	1	2	3	4	5	6	7	8	9	10	11	12	W*
Central Office Bridging Capability	X	X				X	X				X	X	X	
Central Office Multiplexing	X					X								
C-Conditioning	X					X	X	X	X	X	X			
C-Type Conditioning ⁽¹⁾	X					X	X	X	X	X	X			
Data Capability	X					X					X			
Improved Attenuation Distortion	X					X	X	X	X	X	X			X
Improved Echo Control at two-wire WAL POT														X**
Improved Envelope Delay Distortion	X					X	X	X	X	X	X			
Improved Equal Level Echo Path Loss	X	X	X	X		X		X						
Improved Return Loss at two-wire POT	X		X	X				X						
Improved Termination at four-wire POT	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Sealing Current Conditioning	X					X	X				X			
Selective Signaling Arrangement	X	X												
Signaling Capability	X	X	X	X		X	X	X						***

(1) Obsolete, and limited to existing installations at existing locations, for existing customers as of February 8, 1989.

* Denotes WATS Access Lines (WALs).

** When WAL extensions are provided, Echo Control limits are not applicable.

*** Signaling is provided in conjunction with Switched Access service, 6.3 (Miscellaneous Services Descriptions).

(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)7.3 Service Descriptions, Rates and Charges (Cont'd)7.3.4 Voice Grade Service⁽¹⁾ (Cont'd)

(N)

(F) Optional Features, BSEs and Functions (Cont'd)(1) Central Office Bridging BSE Capability

(a) Data Bridging (two-wire and four-wire)

(b) Voice Bridging (two-wire and four-wire)

(2) Central Office Multiplexing BSE

Voice to Telegraph Grade (43 Type Carrier): An arrangement that converts a Voice Grade channel to Telegraph Grade channels using frequency division multiplexing.

(3) Conditioning BSE

Conditioning provides more specific transmission characteristics for Voice Grade services. C-Type conditioning controls attenuation distortion and envelope delay distortion. Sealing Current helps maintain continuity on dry metallic loops.

(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)

(This page filed under Transmittal No. 3464)

ACCESS SERVICE

7. Special Access Service (Cont'd)7.3 Service Descriptions, Rates and Charges (Cont'd)7.3.4 Voice Grade Service⁽²⁾ (Cont'd)

(N)

(F) Optional Features, BSEs and Functions (Cont'd)(3) Conditioning BSE (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.

(a) C-Conditioning

C-Conditioning upgrades the frequency response and envelope delay distortion limits of the analog data channel. The specifications for C-Conditioning, which are less stringent than C-Type conditioning, are delineated in the appropriate Technical Reference for Voice Grade Service.

(b) C-Type Conditioning⁽¹⁾

C-Type Conditioning is provided for the additional control of attenuation distortion and envelope delay distortion on data services. The attenuation distortion and envelope delay distortion specifications for C-Type Conditioning are delineated in the appropriate Technical Reference for Voice Grade Service.

(1) This feature is obsolete, and limited to existing installations at existing locations, for existing customers as of February 8, 1989.

(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)

(This page filed under Transmittal No. 3464)

ACCESS SERVICE

7. Special Access Service (Cont'd)7.3 Service Descriptions, Rates and Charges (Cont'd)7.3.4 Voice Grade Service⁽¹⁾ (Cont'd) (N)(F) Optional Features, BSEs and Functions (Cont'd)(3) Conditioning BSE (Cont'd)(c) Improved Attenuation Distortion (IAD)

Improved Attenuation Distortion upgrades the frequency response limits of the analog data channel. The specifications for Improved Attenuation Distortion are delineated in the appropriate Technical References for WAL application and Voice Grade Services.

(d) Improved Envelope Delay Distortion (IEDD)

Improved Envelope Delay Distortion upgrades the frequency versus delay response limits of the analog data channel. The specifications for Improved Envelope Delay Distortion are delineated in the appropriate Technical Reference for Voice Grade Service.

(e) Sealing Current Conditioning

Sealing Current Conditioning is provided to help maintain continuity on dry metallic loops. It is associated with four-wire DA or NO type channel interfaces.

(4) 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.

- (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)

(This page filed under Transmittal No. 3464)

ACCESS SERVICE

7. Special Access Service (Cont'd)7.3 Service Descriptions, Rates and Charges (Cont'd)7.3.4 Voice Grade Service⁽¹⁾ (Cont'd)

(N)

(F) Optional Features, BSEs and Functions (Cont'd)(4) Data Capability (Cont'd)

The Signal to C-Notched Noise Ratio and intermodulation distortion specifications for Data Capability are delineated in the appropriate Technical Reference for Voice Grade Service.

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

(5) Improved Echo Control

Improved Echo Control for two-wire WALs provides more stringent control of reflected signals. Specifications can only be met with limited facility configurations.

The Improved Echo Control specifications are delineated in the appropriate Technical Reference for Voice Grade Service.

(6) Improved Equal Level Echo Path Loss

Provides improved Echo Control at four-wire interface for effective two-wire voice grade configurations. Specifications can only be met with limited facility configurations. Improved Equal Level Echo Path Loss specifications are delineated in the appropriate Technical Reference for Voice Grade 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)

(This page filed under Transmittal No. 3464)

ACCESS SERVICE

7. Special Access Service (Cont'd)7.3 Service Descriptions, Rates and Charges (Cont'd)7.3.4 Voice Grade Service⁽¹⁾ (Cont'd)

(N)

(F) Optional Features, BSEs and Functions (Cont'd)(7) Improved Return Loss

Improved Return Loss at a two-wire point of termination provides for more stringent Echo Control specifications. This option is only applicable when ordered on effective two-wire channels and the transmission path is four-wire at one POT and two-wire at the other POT. Specifications can only be met with limited facility configurations. The Improved Return Loss specifications are delineated in the appropriate Technical Reference for Voice Grade Service.

(8) Improved Termination

Improved Termination at a four-wire point of termination provides, for a fixed 600 ohm impedance, variable level range and simplex reversal capability when ordered with either an effective two-wire or four-wire channel. Telephone Company equipment is required at the customer's premises where this option is ordered. The Improved Termination specifications are delineated in the appropriate Technical Reference for Voice Grade Service.

(9) Selective Signaling Arrangement

An arrangement that permits code selective ringing for up to ten codes on a multipoint service. Signaling Capability must also be ordered when the Selective Signaling Arrangement is provided.

- (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)

(This page filed under Transmittal No. 3464)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.4 Voice Grade Service⁽¹⁾ (Cont'd)

(N)

(F) Optional Features, BSEs and Functions (Cont'd)

(10) Signaling Capability

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

(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)

(This page filed under Transmittal No. 3464)

7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.4 Voice Grade Service⁽²⁾ (Cont'd)

(N)

(G) Rates and Charges

All rates and charges apply to Arkansas, Kansas, Missouri, Oklahoma, and Texas. ⁽¹⁾ Each rate element is shown with its associated USOC, where appropriate.

(1) Channel	Monthly Rate		Nonrecurring Charge	
	Fixed	Per Mile	1st Ckt	Addl Ckt
Termination Per point of Termination				
Two-wire (T6E2X)	\$ 24.20		\$166.00	\$116.00
Four-wire (T6E4X)	\$ 29.05		\$200.00	\$150.00

Four-wire per point of termination (T6E4X)	3 Year Monthly Rate		Nonrecurring Charge	
	Fixed	Per Mile	1st Ckt	Addl Ckt
	\$ 22.00		\$201.00	\$149.00

Four-wire per point of termination (T6E4X)	5 Year Monthly Rate		Nonrecurring Charge	
	Fixed	Per Mile	1st Ckt	Addl Ckt
	\$ 20.00		\$201.00	\$149.00

(2) Channel Mileage (1L5XX)	Monthly Rate	
	Fixed	Per Mile
0 miles	\$ 0.00	\$ 0.00
Over 0 miles	\$ 17.00	\$ 1.00

0 miles Over 0 miles	3 Year Monthly Rate	
	Fixed	Per Mile
0 miles	\$ 0.00	\$ 0.00
Over 0 miles	\$14.00	\$ 0.80

0 miles Over 0 miles	5 Year Monthly Rate	
	Fixed	Per Mile
0 miles	\$ 0.00	\$ 0.00
Over 0 miles	\$13.00	\$ 0.72

(1) Effective on September 13, 2017, Optional Payment Plans are no longer available for Four-Wire Voice Grade Service, including for any otherwise available renewals, extensions or conversions. Circuits already subject to a Four-Wire Voice Grade Service Optional Payment Plan, as of September 13, 2017, will continue to be provided under the then-current Optional 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. (N)

(This page filed under Transmittal No. 3464)

7. Special Access Service (Cont'd)7.3 Service Descriptions, Rates and Charges (Cont'd)7.3.4 Voice Grade Service⁽¹⁾ (Cont'd)

(N)

(G) Rates and Charges (Cont'd)(3) Analog Service to Service Through Connect Arrangement Monthly Rate Nonrecurring Charge
1st Ckt Addl Ckt

Multiplexed Arrangement (Derived from a DS1 multiplexer) (THK)	\$6.08	\$103.00	\$92.00
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	<u>3 Year</u> <u>Monthly Rate</u>	<u>Nonrecurring Charge</u> <u>1st Ckt</u> <u>Addl Ckt</u>	
Multiplexed Arrangement (THK)	\$6.08	\$103.00	\$92.00

	<u>5 Year</u> <u>Monthly Rate</u>	<u>Nonrecurring Charge</u> <u>1st Ckt</u> <u>Addl Ckt</u>	
Multiplexed Arrangement (THK)	\$5.78	\$103.00	\$92.00

(4) Data Bridging Monthly Rate Nonrecurring Charge

Per port

Two-wire (BCND2)	\$1.00	\$0.00
Four-wire (BCND4)	\$4.00	\$0.00

	<u>3 Year</u> <u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
Four-wire per port (BCND4)	\$4.00	\$0.00

	<u>5 Year</u> <u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
Four-wire per port (BCND4)	\$3.00	\$0.00

(5)

(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)

(This page filed under Transmittal No. 3464)

7. Special Access Service (Cont'd)7.3 Service Descriptions, Rates and Charges (Cont'd)

- 7.3.4 Voice Grade Service⁽¹⁾ (Cont'd) (N)
- (G) Rates and Charges (Cont'd)
- (7) Reserved for Future Use

(8) <u>Voice Bridging</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
Per port		
Two-wire (BCNV2)	\$8.00	\$0.00
Four-wire (BCNV4)	\$4.22	\$0.00
	<u>3 Year Monthly Rate</u>	<u>Nonrecurring Charge</u>
Four-wire per port (BCNV4)	\$4.00	\$0.00
	<u>5 Year Monthly Rate</u>	<u>Nonrecurring Charge</u>
Four-wire per port (BCNV4)	\$3.80	\$0.00
(9) <u>Central Office Multiplexing</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
Voice to Telegraph Grade (43-Type Carrier)		
Per arrangement (MOX)	\$24.12	\$0.00

(1) Effective November 20, 2019, this Service will no longer be available for purchase by new or existing customers, and service agreements may no longer be renewed. In addition, requests to move, add or change existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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(This page filed under Transmittal No. 3464)

Issued: November 5, 2019

Effective: November 20, 2019

Four AT&T Plaza, Dallas, Texas 75202

7. Special Access Service (Cont'd)7.3 Service Descriptions, Rates and Charges (Cont'd)7.3.4 Voice Grade Service⁽²⁾ (Cont'd) (N)(G) Rates and Charges (Cont'd)

(10) <u>Conditioning</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
<u>C-Conditioning</u>		
Per point of termination (UHV)	\$ 2.00	\$0.00
<u>C-Type</u> ⁽¹⁾		
Per point of termination (X1CPT)	\$ 35.00	\$0.00
<u>Improved Attenuation Distortion (IAD)</u>		
Per WAL point of termination (ORA)	\$ 0.00	\$0.00
Per point of termination (UHW)	\$ 0.30	\$0.00
<u>Improved Envelope Delay Distortion (IEDD)</u>		
Per point of termination (UHY)	\$ 32.00	\$0.00
<u>Sealing Current Conditioning (1HBPT)</u>		
	\$ 0.00	\$0.00

(1) Obsolete, and limited to existing installations at existing locations, for existing customers as of February 8, 1989.

(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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(This page filed under Transmittal No. 3464)

Issued: November 5, 2019

Effective: November 20, 2019

Four AT&T Plaza, Dallas, Texas 75202

7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

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

(G) Rates and Charges (Cont'd)

(10) <u>C-Conditioning</u> (UHV)	<u>3 Year</u> <u>Monthly Rate</u>	<u>Nonrecurring</u> <u>Charge</u>
Per point of termination	\$ 2.00	\$ 0.00
 <u>Improved Attenuation Distortion (IAD)</u> (UHW)		
Per point of termination	\$ 0.30	\$ 0.00
 <u>Improved Envelope Delay Distortion (IEDD)</u> (UHY)		
Per point of termination	\$30.00	\$ 0.00
 <u>Sealing Current Conditioning</u> (1HBPT)		
	\$ 0.00	\$ 0.00

(1) Effective November 20, 2019, this Service will no longer be available for purchase by new or existing customers, and service agreements may no longer be renewed. In addition, requests to move, add or change existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024. (N)

(This page filed under Transmittal No. 3464)

7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

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

(G) Rates and Charges (Cont'd)

(10) <u>C-Conditioning</u> (UHV)	<u>5 Year</u> <u>Monthly Rate</u>	<u>Nonrecurring</u> <u>Charge</u>
Per point of termination	\$ 1.90	\$ 0.00
 <u>Improved Attenuation Distortion (IAD)</u> (UHW)		
Per point of termination	\$ 0.29	\$ 0.00
 <u>Improved Envelope Delay Distortion (IEDD)</u> (UHY)		
Per point of termination	\$28.50	\$ 0.00
 <u>Sealing Current Conditioning</u> (1HBPT)		
	\$ 0.00	\$ 0.00

(1) Effective November 20, 2019, this Service will no longer be available for purchase by new or existing customers, and service agreements may no longer be renewed. In addition, requests to move, add or change existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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(This page filed under Transmittal No. 3464)

7. Special Access Service (Cont'd)7.3 Service Descriptions, Rates and Charges (Cont'd)7.3.4 Voice Grade Service⁽¹⁾ (Cont'd) (N)(G) Rates and Charges (Cont'd)

(11) <u>Data Capability</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
Per point of Termination (XDCPT)	\$ 6.00	\$219.50
	3 Year <u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
Per point of Termination (XDCPT)	\$ 5.00	\$219.50
	Nonrecurring <u>Monthly Rate</u>	5 Year <u>Charge</u>
Per point of Termination (XDCPT)	\$ 4.75	\$219.50
	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(12) <u>Improved Echo Control</u>		
Per two-wire WAL point of termination (ORH)	\$ 0.00	\$ 0.00
	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(13) <u>Improved Equal Level Echo Path Loss</u>		
Per point of termination (UHZ)	\$ 0.00	\$ 0.00
	3 Year <u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
Per point of Termination (UHZ)	\$ 0.00	\$ 0.00
	5 Year <u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
Per point of Termination (UHZ)	\$ 0.00	\$ 0.00
	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(14) <u>Improved Return Loss</u>		
Per two-wire point of termination (1RL2W)	\$ 1.00	\$ 0.00

(1) Effective November 20, 2019, this Service will no longer be available for purchase by new or existing customers, and service agreements may no longer be renewed. In addition, requests to move, add or change existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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(N)

(This page filed under Transmittal No. 3464)

7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

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

(G) Rates and Charges (Cont'd)

(15) <u>Improved Termination</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
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Per four-wire point of termination (1RL4W)	\$ 5.00	\$ 0.00
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	<u>3 Year Monthly Rate</u>	<u>Nonrecurring Charge</u>
Per four-wire point of termination (1RL4W)	\$ 4.50	\$ 0.00

	<u>5 Year Monthly Rate</u>	<u>Nonrecurring Charge</u>
Per four-wire point of termination (1RL4W)	\$ 4.00	\$ 0.00

(16) <u>Selective Signaling Arrangement</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
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Per point of termination (USZ)	\$ 12.00	\$ 0.00
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	<u>3 Year Monthly Rate</u>	<u>Nonrecurring Charge</u>
Per point of Termination (USZ)	\$12.00	\$ 0.00

	<u>5 Year Monthly Rate</u>	<u>Nonrecurring Charge</u>
Per point of Termination (USZ)	\$11.40	\$ 0.00

(1) Effective November 20, 2019, this Service will no longer be available for purchase by new or existing customers, and service agreements may no longer be renewed. In addition, requests to move, add or change existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

(N)
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 (N)

(This page filed under Transmittal No. 3464)

7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

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

(G) Rates and Charges (Cont'd)

(17) <u>Signaling Capability</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
Per point of Termination (XSS++) *	\$ 14.00	\$ 0.00
	<u>3 Year Monthly Rate</u>	<u>Nonrecurring Charge</u>
Per point of Termination (XSS++) *	\$10.00	\$ 0.00
	<u>5 Year Monthly Rate</u>	<u>Nonrecurring Charge</u>
Per point of Termination (XSS++) *	\$ 8.00	\$ 0.00

(18) Reserved for Future Use

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

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

(This page filed under Transmittal No. 3464)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.5 Program Audio Service⁽¹⁾

(N)

(A) Basic Channel Description

A Program Audio channel is a channel measured in hertz for the transmission of a complex signal voltage. The actual bandwidth is a function of the channel interface selected by the customer. Only one-way transmission is provided. Program Audio channels are provided between customer designated premises or between a customer designated premises and a Telephone Company Hub.

(B) Technical Specifications Packages

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

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

(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)

(This page filed under Transmittal No. 3464)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

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

(N)

(C) Channel Interfaces (CI)

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

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

(D) Service to Service Through Connect Arrangement

This provides the interconnection of two program audio channels within a serving wire center. The interconnection may be between two part-time services, two full-time services or between a full-time and part-time service.

(E) Optional Features, BSEs and Functions

	C	Package AP-			
		1	2	3	4
Central Office Bridging Capability	X	X	X	X	X
Gain Conditioning	X	X	X	X	X
Stereo	X				X

(1) Central Office Bridging BSE Capability

Distribution Amplifier

(2) Gain Conditioning

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

(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)

(This page filed under Transmittal No. 3464)

ACCESS SERVICE

7. Special Access Service (Cont'd)7.3 Service Descriptions, Rates and Charges (Cont'd)7.3.5 Program Audio Service⁽¹⁾ (Cont'd)

(N)

(E) Optional Features and Functions (Cont'd)(3) Stereo

Provision of a pair of gain/phase equalized channels for stereo applications. (Additional AP channel must be ordered separately.)

(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)

(This page filed under Transmittal No. 3464)

Issued: November 5, 2019

Effective: November 20, 2019

Four AT&T Plaza, Dallas, Texas 75202

7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

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

(N)

(F) Rates and Charges

All rates and charges apply to Arkansas, Kansas, Missouri, Oklahoma, and Texas. Each rate element is shown with its associated USOC, where appropriate.

(1) <u>Channel Termination</u> (T6ECS)	<u>Daily*</u> <u>Rate</u>	<u>Monthly</u> <u>Rate</u>	<u>Nonrecurring Charge</u>	
			<u>1st Ckt</u>	<u>Addl Ckt</u>
Per point of Termination				
200-3500 Hz	\$ 1.97	\$16.00	\$263.00	\$216.00
100-5000 Hz	\$ 2.50	\$21.00	\$268.00	\$216.00
50-8000 Hz	\$ 3.00	\$26.00	\$272.00	\$222.00
50-15000 Hz	\$ 4.50	\$46.00	\$270.00	\$206.00
(2) <u>Channel Mileage</u> (1L5XX)		<u>Daily* Rate</u>	<u>Monthly Rate</u>	
		<u>Fixed</u>	<u>Per Mile</u>	<u>Fixed</u> <u>Per Mile</u>
<u>200-3500 Hz</u>				
0 miles	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
Over 0 miles	\$ 1.66	\$ 0.12	\$ 17.00	\$ 1.50
<u>100-5000 Hz</u>				
0 miles	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
Over 0 miles	\$ 1.96	\$ 0.19	\$ 20.00	\$ 2.00

* Daily rates will be topped and maximum rates derived as set forth in 7.2.3 (Daily Rates).

(1) Effective November 20, 2019, this Service will no longer be available for purchase by new or existing customers, and service agreements may no longer be renewed. In addition, requests to move, add or change existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after November 1, 2020. (N)

(This page filed under Transmittal No. 3464)

Issued: November 5, 2019

Effective: November 20, 2019

Four AT&T Plaza, Dallas, Texas 75202

7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

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

(N)

(F) Rates and Charges (Cont'd)

(2) <u>Channel Mileage</u> (1L5XX) (Cont'd)	Daily* Rate		Monthly Rate	
	<u>Fixed</u>	<u>Per Mile</u>	<u>Fixed</u>	<u>Per Mile</u>
<u>50-8000 Hz</u>				
0 miles	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
Over 0 miles	\$ 2.41	\$ 0.20	\$ 25.00	\$ 2.25
<u>50-15000 Hz</u>				
0 miles	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
Over 0 miles	\$ 3.11	\$ 0.50	\$ 31.05	\$ 5.25
(3) <u>Service to Service</u> <u>Through Connect</u> <u>Arrangement</u>		<u>Monthly</u> <u>Rate</u>	<u>Nonrecurring Charge</u> <u>1st Ckt</u> <u>Addl Ckt</u>	
Interconnection of two Program Audio services within a serving wire center (THA)		\$ 0.00	\$ 86.00	\$ 54.00
(4) <u>Bridging,</u> <u>Distribution</u> <u>Amplifier</u>	<u>Daily*</u> <u>Rate</u>	<u>Monthly</u> <u>Rate</u>	<u>Nonrecurring Charge</u> <u>Daily*</u>	<u>Monthly</u>
Per port (BCNPT)	\$ 0.35	\$ 3.49	\$ 0.00	\$ 0.00

* Daily rates will be topped and maximum rates derived as set forth in 7.2.3 (Daily Rates).

(1) Effective November 20, 2019, this Service will no longer be available for purchase by new or existing customers, and service agreements may no longer be renewed. In addition, requests to move, add or change existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after November 1, 2020.

(N)
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(N)

(This page filed under Transmittal No. 3464)

7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.5 Program Audio Service⁽¹⁾ (Cont'd) (N)

(F) Rates and Charges (Cont'd)

	<u>Daily*</u> <u>Rate</u>	<u>Monthly</u> <u>Rate</u>	<u>Nonrecurring</u> <u>Daily*</u>	<u>Charge</u> <u>Monthly</u>
(5) <u>Gain Conditioning</u>				
Per port (XGC)	\$ 0.44	\$ 4.35	\$225.00	\$227.00
(6) <u>Stereo</u> **				
Per channel (XSC)	\$ 0.00	\$ 0.00	\$ 30.00	\$ 30.00

* Daily rates will be topped and maximum rates derived as set forth in 7.2.3 (Daily Rates).

** Additional AP channel must be ordered separately as set forth in 7.3.5(E)(3) (Stereo).

(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)

(This page filed under Transmittal No. 3464)

Issued: November 5, 2019

Effective: November 20, 2019

Four AT&T Plaza, Dallas, Texas 75202

ACCESS SERVICE

7. Special Access Service (Cont'd)7.3 Service Descriptions, Rates and Charges (Cont'd)7.3.9 MegaLink Data Service⁽²⁾

(N)

(A) Basic Channel Description

A MegaLink Data channel is a channel for duplex four-wire transmission of synchronous serial data at the rate of 2.4, 4.8, 9.6, 19.2, 56 kbps, 64 kbps Clear Channel (CC)*, 128**, 256**, 384**, 512** or 768** kbps.⁽¹⁾ The actual bit rate is a function of the channel interface selected by the customer. The channel provides a synchronous service with timing provided by the Telephone Company through the Telephone Company's facilities to the customer in the received bit stream. MegaLink Data channels are provided between customer designated premises for two-point service at all speeds or between a customer designated premises and a Telephone Company Digital Hub for multipoint service at all speeds, except 64 kbps (CC).

When a single MegaLink Data channel is ordered to be terminated at a customer's designated Interexchange Carrier's all-digital POP which requires a minimum digital interface level of 1.544 Mbps, the Telephone Company will provide the required interface where facilities are available.

128, 256, 384, 512 and 768 kbps are provisioned from specific wire centers which are listed in the National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4.⁽¹⁾ Availability is not restricted to customers serviced by the wire centers listed in F.C.C. No. 4, but the service must be routed through the designated offices in F.C.C. No. 4. Mileage as defined in Section 7.2.6 will apply.

It is the customer's responsibility to arrange for the Channel Service Unit-type equipment or other Network Channel Terminating Equipment associated with the MegaLink Data channel at the customer premises.

* 64 kbps Clear Channel (CC) is offered only where equipment and facilities are available.

** 128, 256, 384, 512, or 768 kbps is offered only where equipment and facilities are available.

(1) Effective October 27, 2016, MegaLink Data Service 128.0, 256.0, 384.0, 512.0 and 768.0 Kbps channels are limited to existing Customers for existing service arrangements; no new or additional term commitments of any kind, including any otherwise available renewals, will be available; and no move, add, or change orders will be accepted.

(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)

(This page filed under Transmittal No. 3464)

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7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.9 MegaLink Data Service⁽²⁾ (Cont'd)

(N)

(B) Technical Specifications Packages

Transmission Parameter	Package DA-					
	1	2	3	4	5	6
<u>Error-Free Seconds</u>	X	X	X	X	X	X

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

Voltages which are compatible with MegaLink Data Service are delineated in the appropriate Technical Reference for MegaLink Data Service.

For 128, 256, 384, 512, and 768 kbps, the following technical specifications packages apply.⁽¹⁾

Technical Specifications Packages

Transmission Parameter	Package HC-					
	0	1	1C	2	3	4
<u>Error-Free Seconds</u>		X				

A channel with technical specifications package HC1 will be capable of an error-free second performance of 98.75% over a continuous 24 hour period as measured at the 1.544 Mbps rate through a Channel Service Unit equivalent which is designed, manufactured, and maintained to conform with the specifications contained in the appropriate Technical Reference for High Capacity Service.

Clear Channel Capability BSE is not available with 128, 256, 384, 512, or 768 kbps services.⁽¹⁾

(1) Effective October 27, 2016, MegaLink Data Service 128.0, 256.0, 384.0, 512.0 and 768.0 Kbps channels are limited to existing Customers for existing service arrangements; no new or additional term commitments of any kind, including any otherwise available renewals, will be available; and no move, add, or change orders will be accepted.

(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)

(This page filed under Transmittal No. 3464)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.9 MegaLink Data Service⁽²⁾ (Cont'd) (N)

(C) Channel Interfaces (CI)

The following channel interfaces define the bit rates that are available for a MegaLink Data channel:

CI	Bit Rate	
DU-24	2.4 kbps ⁽²⁾	(N)
DU-48	4.8 kbps ⁽²⁾	(N)
DU-96	9.6 kbps ⁽²⁾	(N)
DU-19	19.2 kbps ⁽²⁾	(N)
DU-56	56 kbps ⁽²⁾	(N)
DU-64	64 kbps ⁽²⁾ CC)*	(N)
DS-1S	128 kbps** ⁽¹⁾	(N)
DS-1S	256 kbps** ⁽¹⁾	
DS-1S	384 kbps** ⁽¹⁾	
DS-1S	512 kbps** ⁽¹⁾	
DS-1S	768 kbps** ⁽¹⁾	

(D) Service to Service Through Connect Arrangement

This provides the interconnection of two subtending digital data channels derived from DS1 multiplexed services. The through connect will be provisioned in lieu of a typical MegaLink Data channel termination. The through connect will be provisioned for all MegaLink Data speeds: 2.4, 4.8, 9.6, 19.2, 56 kbps, 64 kbps (CC), 128, 256, 384, 512, and 768 kbps.⁽¹⁾ The ordering customer must provide channel assignments for both. Channel mileage is required if the multiplexed services are terminated in two separate digital hubs.

(E) Optional Features, BSEs and Functions

	Package DA-					
	1	2	3	4	5	6
Central Office Bridging Capability	X	X	X	X	X	
Secondary Channel Capability	X	X	X	X	X	
Transfer Arrangement	X	X	X	X	X	X

* MegaLink Data Service 64 kbps channel interface is offered only with Clear Channel.

** MegaLink Data Service 128, 256, 384, 512, or 768 kbps is offered only where equipment and facilities are available.

(1) Effective October 27, 2016, MegaLink Data Service 128.0, 256.0, 384.0, 512.0 and 768.0 Kbps channels are limited to existing Customers for existing service arrangements; no new or additional term commitments of any kind, including any otherwise available renewals, will be available; and no move, add, or change orders will be accepted.

(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)7.3 Service Descriptions, Rates and Charges (Cont'd)7.3.9 MegaLink Data Service⁽¹⁾ (Cont'd)

(N)

(E) Optional Features, BSEs and Functions (Cont'd)

- (1) Central Office Bridging BSE Capability
- (2) Secondary Channel Capability BSE

Secondary Channel Capability provides for an additional low-speed digital transmission channel within the existing 2.4, 4.8, 9.6, 19.2, and 56 kbps primary channels. It is available as a point-to-point or a multipoint service utilizing a nonrepeated channel termination. The Secondary Channel can be used as a communications channel for the controlling and monitoring of the customer's network.

- (3) 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 channel that terminates in either the same or a different customer designated premises. This arrangement is only available at a Telephone Company Digital Hub. A key activated or dial-up control service is required to operate the transfer arrangement. A spare channel, if required, is not included as a 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)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.9 MegaLink Data Service⁽³⁾ (Cont'd)

(N)

(F) Rates and Charges

All rates and charges apply to Arkansas, Kansas, Missouri, Oklahoma, and Texas. ⁽²⁾ Each rate element is shown with its associated USOC, where appropriate.

(1) <u>Channel Termination</u> (T6ECS)	Monthly Rate	Nonrecurring Charge	
		<u>1st Ckt</u>	<u>Addl Ckt</u>
Per point of termination			
2.4 kbps	\$ 90.00	\$305.00	\$258.00
4.8 kbps	\$ 90.00	\$345.00	\$273.00
9.6 kbps	\$ 90.00	\$319.00	\$268.00
19.2 kbps	\$ 90.00	\$268.00	\$205.00
56 kbps	\$ 90.00	\$350.00	\$306.00
64 kbps	\$ 90.00	\$320.00	\$246.00
128 kbps ⁽¹⁾	\$190.00	\$628.00	\$456.00
256 kbps ⁽¹⁾	\$190.00	\$628.00	\$456.00
384 kbps ⁽¹⁾	\$190.00	\$628.00	\$456.00
512 kbps ⁽¹⁾	\$190.00	\$865.00	\$865.00
768 kbps ⁽¹⁾	\$190.00	\$865.00	\$865.00

⁽¹⁾ Effective October 27, 2016, MegaLink Data Service 128.0, 256.0, 384.0, 512.0 and 768.0 Kbps channels are limited to existing Customers for existing service arrangements; no new or additional term commitments of any kind, including any otherwise available renewals, will be available; and no move, add, or change orders will be accepted.

⁽²⁾ Effective on September 13, 2017, Optional Payment Plans are no longer available for MegaLink Data Service, including for any otherwise available renewals, extensions or conversions. Circuits already subject to a MegaLink Data Service Optional Payment Plan, as of September 13, 2017, will continue to be provided under the then-current Optional Payment Plan term for the remainder of that term.

⁽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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 (N)

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7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.9 MegaLink Data Service⁽²⁾ (Cont'd)

(N)

(F) Rates and Charges (Cont'd)

		<u>3 Year</u> <u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	
			<u>1st Ckt</u>	<u>Addl Ckt</u>
(1)	<u>Channel Termination</u> (T6ECS)			
	Per point of termination			
	2.4 kbps	\$ 55.00	\$305.00	\$258.00
	4.8 kbps	\$ 55.00	\$345.00	\$273.00
	9.6 kbps	\$ 55.00	\$319.00	\$268.00
	19.2 kbps	\$ 55.00	\$268.00	\$205.00
	56 kbps	\$ 50.00	\$350.00	\$306.00
	64 kbps	\$ 53.00	\$320.00	\$246.00
	128 kbps ⁽¹⁾	\$112.00	\$628.00	\$456.00
	256 kbps ⁽¹⁾	\$112.00	\$628.00	\$456.00
	384 kbps ⁽¹⁾	\$112.00	\$628.00	\$456.00
	512 kbps ⁽¹⁾	\$135.00	\$865.00	\$865.00
	768 kbps ⁽¹⁾	\$135.00	\$865.00	\$865.00
		<u>5 Year</u> <u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	
			<u>1st Ckt</u>	<u>Addl Ckt</u>
	<u>Channel Termination</u> (T6ECS)			
	Per point of termination			
	2.4 kbps	\$ 48.80	\$ 0.00	\$ 0.00
	4.8 kbps	\$ 48.80	\$ 0.00	\$ 0.00
	9.6 kbps	\$ 48.80	\$ 0.00	\$ 0.00
	19.2 kbps	\$ 48.80	\$ 0.00	\$ 0.00
	56 kbps	\$ 42.35	\$ 0.00	\$ 0.00
	64 kbps	\$ 48.00	\$ 0.00	\$ 0.00
	128 kbps ⁽¹⁾	\$ 91.75	\$628.00	\$456.00
	256 kbps ⁽¹⁾	\$ 91.75	\$628.00	\$456.00
	384 kbps ⁽¹⁾	\$ 91.75	\$628.00	\$456.00
	512 kbps ⁽¹⁾	\$130.00	\$865.00	\$865.00
	768 kbps ⁽¹⁾	\$130.00	\$865.00	\$865.00

(1) Effective October 27, 2016, MegaLink Data Service 128.0, 256.0, 384.0, 512.0 and 768.0 Kbps channels are limited to existing Customers for existing service arrangements; no new or additional term commitments of any kind, including any otherwise available renewals, will be available; and no move, add, or change orders will be accepted.

(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)

(This page filed under Transmittal No. 3464)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.9 MegaLink Data Service⁽²⁾ (Cont'd)

(N)

(F) Rates and Charges (Cont'd)

<u>(2) Channel Mileage</u> (1L5XX)	<u>Monthly Rate</u>	
	<u>Fixed</u>	<u>Per Mile</u>
2.4 kbps		
0 miles	\$ 0.00	\$ 0.00
Over 0 miles	\$30.50	\$ 1.35
4.8 kbps		
0 miles	\$ 0.00	\$ 0.00
Over 0 miles	\$30.50	\$ 1.35
9.6 kbps		
0 miles	\$ 0.00	\$ 0.00
Over 0 miles	\$30.50	\$ 1.35
19.2 kbps		
0 miles	\$ 0.00	\$ 0.00
Over 0 miles	\$30.50	\$ 1.35
56 kbps		
0 miles	\$ 0.00	\$ 0.00
Over 0 miles	\$30.50	\$ 1.35
64 kbps (CC)		
0 miles	\$ 0.00	\$ 0.00
Over 0 miles	\$30.50	\$ 1.35
128 kbps ⁽¹⁾		
0 miles	\$ 0.00	\$ 0.00
Over 0 miles	\$46.00	\$ 9.75
256 kbps ⁽¹⁾		
0 miles	\$ 0.00	\$ 0.00
Over 0 miles	\$46.00	\$ 9.75
384 kbps ⁽¹⁾		
0 miles	\$ 0.00	\$ 0.00
Over 0 miles	\$48.00	\$11.75
512 kbps ⁽¹⁾		
0 miles	\$ 0.00	\$ 0.00
Over 0 miles	\$50.00	\$11.75
768 kbps ⁽¹⁾		
0 miles	\$ 0.00	\$ 0.00
Over 0 miles	\$50.00	\$11.75

(1) Effective October 27, 2016, MegaLink Data Service 128.0, 256.0, 384.0, 512.0 and 768.0 Kbps channels are limited to existing Customers for existing service arrangements; no new or additional term commitments of any kind, including any otherwise available renewals, will be available; and no move, add, or change orders will be accepted.

(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)

(This page filed under Transmittal No. 3464)

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7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.9 MegaLink Data Service⁽²⁾ (Cont'd)

(F) Rates and Charges (Cont'd)

(2) Channel Mileage (Cont'd)

(1L5XX)

3 Year
 Monthly Rate
 Fixed Per Mile

2.4 kbps		
0 miles	\$ 0.00	\$ 0.00
Over 0 miles	\$ 15.00	\$ 0.80
4.8 kbps		
0 miles	\$ 0.00	\$ 0.00
Over 0 miles	\$ 15.00	\$ 0.80
9.6 kbps		
0 miles	\$ 0.00	\$ 0.00
Over 0 miles	\$ 15.00	\$ 0.80
19.2 kbps		
0 miles	\$ 0.00	\$ 0.00
Over 0 miles	\$ 15.00	\$ 0.80
56 kbps		
0 miles	\$ 0.00	\$ 0.00
Over 0 miles	\$ 15.00	\$ 0.80
64 kbps (CC)		
0 miles	\$ 0.00	\$ 0.00
Over 0 miles	\$ 15.00	\$ 0.80
128 kbps ⁽¹⁾		
0 miles	\$ 0.00	\$ 0.00
Over 0 miles	\$ 39.00	\$ 9.75
256 kbps ⁽¹⁾		
0 miles	\$ 0.00	\$ 0.00
Over 0 miles	\$ 39.00	\$ 9.75
384 kbps ⁽¹⁾		
0 miles	\$ 0.00	\$ 0.00
Over 0 miles	\$ 39.00	\$ 11.75
512 kbps ⁽¹⁾		
0 miles	\$ 0.00	\$ 0.00
Over 0 miles	\$ 47.50	\$ 11.75
768 kbps ⁽¹⁾		
0 miles	\$ 0.00	\$ 0.00
Over 0 miles	\$ 47.50	\$ 11.75

(1) Effective October 27, 2016, MegaLink Data Service 128.0, 256.0, 384.0, 512.0 and 768.0 Kbps channels are limited to existing Customers for existing service arrangements; no new or additional term commitments of any kind, including any otherwise available renewals, will be available; and no move, add, or change orders will be accepted.

(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)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.9 MegaLink Data Service⁽²⁾ (Cont'd)

(N)

(F) Rates and Charges (Cont'd)

(2) <u>Channel Mileage</u> (IL5XX) (Cont'd)	5 Year Monthly Rate	
	Fixed	Per Mile
2.4 kbps		
0 miles	\$ 0.00	\$ 0.00
Over 0 miles	\$ 9.50	\$ 0.75
4.8 kbps		
0 miles	\$ 0.00	\$ 0.00
Over 0 miles	\$ 9.50	\$ 0.75
9.6 kbps		
0 miles	\$ 0.00	\$ 0.00
Over 0 miles	\$ 9.50	\$ 0.75
19.2 kbps		
0 miles	\$ 0.00	\$ 0.00
Over 0 miles	\$ 9.50	\$ 0.75
56 kbps		
0 miles	\$ 0.00	\$ 0.00
Over 0 miles	\$ 9.50	\$ 0.75
64 kbps (CC)		
0 miles	\$ 0.00	\$ 0.00
Over 0 miles	\$ 9.50	\$ 0.75
128 kbps ⁽¹⁾		
0 miles	\$ 0.00	\$ 0.00
Over 0 miles	\$ 36.50	\$ 9.25
256 kbps ⁽¹⁾		
0 miles	\$ 0.00	\$ 0.00
Over 0 miles	\$ 36.50	\$ 9.25
384 kbps ⁽¹⁾		
0 miles	\$ 0.00	\$ 0.00
Over 0 miles	\$ 37.50	\$ 11.00
512 kbps ⁽¹⁾		
0 miles	\$ 0.00	\$ 0.00
Over 0 miles	\$ 45.00	\$ 11.00
768 kbps ⁽¹⁾		
0 miles	\$ 0.00	\$ 0.00
Over 0 miles	\$ 45.00	\$ 11.00

(1) Effective October 27, 2016, MegaLink Data Service 128.0, 256.0, 384.0, 512.0 and 768.0 Kbps channels are limited to existing Customers for existing service arrangements; no new or additional term commitments of any kind, including any otherwise available renewals, will be available; and no move, add, or change orders will be accepted.

(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)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.9 MegaLink Data Service⁽¹⁾ (Cont'd)

(N)

(F) Rates and Charges (Cont'd)

	<u>Monthly Rate</u>	<u>Nonrecurring</u>
	<u>Fixed</u>	<u>Charge</u>
	<u>Per Mile</u>	
(3) <u>Multiplexing</u>		
Per arrangement		
DS0 to Subrates		
Up to 20 2.4 kbps services (QSU24)	Rates are as set forth in Section 7.3.10(F) (5)	following.
Up to 10 4.8 kbps services (QSU48)	Rates are as set forth in Section 7.3.10(F) (5)	following.
Up to 5 9.6 kbps services (QSU96)	Rates are as set forth in Section 7.3.10(F) (5)	following.
DS1 to DS0 (QMU)	Rates are as set forth in Section 7.3.10(F) (5)	following.
DS1 to Voice (MQ1)	Rates are as set forth in Section 7.3.10(F) (5)	following.

(1) Effective November 20, 2019, this Service will no longer be available for purchase by new or existing customers, and service agreements may no longer be renewed. In addition, requests to move, add or change existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.9 MegaLink Data Service⁽¹⁾ (Cont'd)

(F) Rates and Charges (Cont'd)

(N)

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	
		<u>1st Ckt</u>	<u>Addl Ckt</u>
(3) <u>Service to Service Through Connect Arrangement (THK)</u> Interconnection of two subtending digital channels (derived from DS1 multiplexing)	\$ 18.06	\$103.00	\$ 92.00
	<u>3 Year Monthly Rate</u>	<u>Nonrecurring Charge</u>	
		<u>1st Ckt</u>	<u>Addl Ckt</u>
<u>Service to Service Through Connect Arrangement (THK)</u> Interconnection of two subtending digital channels (derived from DS1 multiplexing)	\$18.06	\$103.00	\$ 92.00
	<u>5 Year Monthly Rate</u>	<u>Nonrecurring Charge</u>	
		<u>1st Ckt</u>	<u>Addl Ckt</u>
<u>Service to Service Through Connect Arrangement (THK)</u> Interconnection of two subtending digital channels (derived from DS1 multiplexing)	\$17.16	\$103.00	\$ 92.00
	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	
(4) <u>Bridging (BCNDA)</u> Per Port	\$ 11.00	\$ 0.00	
	<u>3 Year Monthly Rate</u>	<u>Nonrecurring Charge</u>	
		<u>1st Ckt</u>	<u>Addl Ckt</u>
<u>Bridging (BCNDA)</u> Per port	\$11.00	\$ 0.00	
	<u>5 Year Monthly Rate</u>	<u>Nonrecurring Charge</u>	
		<u>1st Ckt</u>	<u>Addl Ckt</u>
<u>Bridging (BCNDA)</u> Per port	\$10.45	\$ 0.00	

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

** An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer's 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)

(N)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.9 MegaLink Data Service⁽¹⁾ (Cont'd)

(N)

(F) Rates and Charges (Cont'd)

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(5) <u>Secondary Channel Capability (SCA)</u> Per channel termination	\$ 9.00	\$112.00
	<u>3 Year Monthly Rate</u>	<u>Nonrecurring Charge</u>
<u>Secondary Channel Capability (SCA)</u> Per channel termination	\$ 9.00	\$112.00
	<u>5 Year Monthly Rate</u>	<u>Nonrecurring Charge</u>
<u>Secondary Channel Capability (SCA)</u> Per channel termination	\$ 8.55 (x)	\$112.00
	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(6) <u>Loop Transfer Arrangement, Key Activated * (XTD)</u> Per four port arrangement **	\$ 21.00	\$119.00
	<u>3 Year Monthly Rate</u>	<u>Nonrecurring Charge</u>
<u>Loop Transfer Arrangement, Key Activated * (XTD)</u> Per four port arrangement **	\$21.00	\$119.00
	<u>5 Year Monthly Rate</u>	<u>Nonrecurring Charge</u>
<u>Loop Transfer Arrangement, Key Activated * (XTD)</u> Per four port arrangement **	\$19.95	\$119.00

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

**An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer's 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)

(N)

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.3 Service Descriptions, Rates and Charges (Cont'd)7.3.10 High Capacity Service(A) Basic Channel Description

A High Capacity channel is a channel for the transmission of nominal 64.0 kbps*⁽²⁾ or 1.544 Mbps, isochronous serial data. The actual bit rate and framing format is a function of the channel interface selected by the customer. High Capacity channels are provisioned (1) between customer designated premises, (2) between a customer designated premises and a Telephone Company Hub, (3) between Network Reconfiguration Service Hubs at 1.544 Mbps transmission, (4) between Transport Resource Management Service Hubs at 1.544 Mbps transmission, (5) between a Transport Resource Management Service Hub and a Telephone Company Hub at 1.544 Mbps transmission, (6) between a Network Reconfiguration Service Hub and a Transport Resource Management Service Hub at 1.544 Mbps transmission, or (7) between a Network Reconfiguration Service Hub and a Telephone Company Hub at 1.544 Mbps transmission. (N)

Loop Redundancy⁽¹⁾, which provides automatic restoration of the 1.544 Mbps High Capacity Service Channel Termination and physical route redundancy between the customer's premises and the customer's serving wire center in the event of a single loop failure, will be provided on High Capacity Channel Terminations in those situations where the customer's premises and serving wire center are equipped with the necessary equipment and facilities. If the equipment and facilities are not available, the interval for loop redundancy will be within 2 years from the date of customer request or the agreed upon date if Special Construction applies.

It is the customer's responsibility to arrange for the Network Channel Terminating Equipment associated with the High Capacity channel at the customer's premises. When a single High Capacity channel is ordered to be terminated at a customer's designated Interexchange Carrier's all digital POP which requires a minimum digital interface level of 44.736 Mbps, the Telephone Company will provide the required interface where facilities are available.

(1) As of the effective date of the tariff, by the end of 1997, all but 500 of the current High Capacity lines in SWBT territory will be served from wire centers providing Loop Redundancy (with basic DS1 service).

* Available only as a channel of a 1.544 Mbps facility between two Telephone Company MegaLink Data Hubs. The customer must provide system and channel assignment data.

(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)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.10 High Capacity Service (Cont'd)

(E) Optional Features, BSEs and Functions

	Package HC-		
	0	1	
Central Office Multiplexing:			
DS0 to Subrate ⁽²⁾ *	X		(N)
DS1 to DS0 ⁽²⁾		X	(N)
DS1 to Voice ⁽²⁾		X	(N)
Clear Channel Capability		X	
Extended Superframe Format		X	
Power Over the Interface ⁽¹⁾		X	
SecureNet Hub Redundancy		X	
SecureNet Serving Wire Center and Facility Redundancy		X	
Transfer Arrangement		X	

(1)

- (1) Obsolete, and limited to existing installations at existing locations, for existing customers as of October 23, 1993.
- (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.

* Available only on a channel of a 1.544 Mbps facility to a Telephone Company Hub or on a DS0 channel that connects to a customer's Network Reconfiguration Service (NRS) network which contains a DS1 channel.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.3 Service Descriptions, Rates and Charges (Cont'd)7.3.10 High Capacity Service (Cont'd)(E) Optional Features, BSEs and Functions (Cont'd)(2) Central Office Multiplexing BSE(a) DSO to Subrate⁽¹⁾ (N)

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

(b) DS1 to DSO⁽¹⁾ (N)

An arrangement that converts a 1.544 Mbps channel to 23 64.0 kbps channels utilizing digital time division multiplexing.

(c) DS1 to Voice⁽¹⁾ (N)

An arrangement that converts a 1.544 Mbps channel to 24 channels for use with Voice Grade Services. A channel of this DS1 to the hub can also be used for MegaLink Data, Program Audio, Metallic Service, or WATS Access Lines.

(1) Effective November 20, 2019, this Service will no longer be available for (N)
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)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.10 High Capacity Service (Cont'd)

(F) Rates and Charges (Cont'd)

(2) <u>Channel Mileage</u> (Cont'd)	<u>USOC</u>	<u>Monthly Rate</u>	
		<u>Fixed</u>	<u>Per Mile</u>
64 Kbps* ⁽¹⁾	1L5TC		(N)
0 miles			
Zone 1 - AR		\$ 0.00	\$ 0.00
Zone 2 - AR		\$ 0.00	\$ 0.00
Zone 3 - AR		\$ 0.00	\$ 0.00
Zone 1 - KS		\$ 0.00	\$ 0.00
Zone 2 - KS		\$ 0.00	\$ 0.00
Zone 3 - KS		\$ 0.00	\$ 0.00
Zone 1 - MO		\$ 0.00	\$ 0.00
Zone 2 - MO		\$ 0.00	\$ 0.00
Zone 3 - MO		\$ 0.00	\$ 0.00
Zone 1 - OK		\$ 0.00	\$ 0.00
Zone 2 - OK		\$ 0.00	\$ 0.00
Zone 3 - OK		\$ 0.00	\$ 0.00
Zone 1 - TX		\$ 0.00	\$ 0.00
Zone 2 - TX		\$ 0.00	\$ 0.00
Zone 3 - TX		\$ 0.00	\$ 0.00
Over 0 miles	1L5XX		
Zone 1 - AR		\$ 8.04	\$ 1.13
Zone 2 - AR		\$ 8.04	\$ 1.13
Zone 3 - AR		\$ 8.04	\$ 1.13
Zone 1 - KS		\$ 8.04	\$ 1.13
Zone 2 - KS		\$ 8.04	\$ 1.13
Zone 3 - KS		\$ 8.04	\$ 1.13
Zone 1 - MO		\$ 8.04	\$ 1.13
Zone 2 - MO		\$ 8.04	\$ 1.13
Zone 3 - MO		\$ 8.04	\$ 1.13
Zone 1 - OK		\$ 8.04	\$ 1.13
Zone 2 - OK		\$ 8.04	\$ 1.13
Zone 3 - OK		\$ 8.04	\$ 1.13
Zone 1 - TX		\$ 8.04	\$ 1.13
Zone 2 - TX		\$ 8.04	\$ 1.13
Zone 3 - TX		\$ 8.04	\$ 1.13

* Available only as a channel of a 1.544 Mbps facility to a SWBT Digital Data Hub or as a cross connect of two channels of two 1.544 Mbps facilities to a Digital Data Hub(s). The customer must provide system and channel assignment data.

(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)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.10 High Capacity Service (Cont'd)

(F) Rates and Charges (Cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>	
(5) <u>Multiplexing</u>			
Per arrangement			
DS0 to Subrates ⁽¹⁾			(N)
Up to 20 2.4 kbps services	QSU24		
Zone 1 - AR		\$135.00	
Zone 2 - AR		\$135.00	
Zone 3 - AR		\$135.00	
Zone 1 - KS		\$135.00	
Zone 2 - KS		\$135.00	
Zone 3 - KS		\$135.00	
Zone 1 - MO		\$135.00	
Zone 2 - MO		\$135.00	
Zone 3 - MO		\$135.00	
Zone 1 - OK		\$135.00	
Zone 2 - OK		\$135.00	
Zone 3 - OK		\$135.00	
Zone 1 - TX		\$135.00	
Zone 2 - TX		\$135.00	
Zone 3 - TX		\$135.00	
		<u>Nonrecurring Charge</u>	
Zone 1 - AR		\$ 0.00	
Zone 2 - AR		\$ 0.00	
Zone 3 - AR		\$ 0.00	
Zone 1 - KS		\$ 0.00	
Zone 2 - KS		\$ 0.00	
Zone 3 - KS		\$ 0.00	
Zone 1 - MO		\$ 0.00	
Zone 2 - MO		\$ 0.00	
Zone 3 - MO		\$ 0.00	
Zone 1 - OK		\$ 0.00	
Zone 2 - OK		\$ 0.00	
Zone 3 - OK		\$ 0.00	
Zone 1 - TX		\$ 0.00	
Zone 2 - TX		\$ 0.00	
Zone 3 - TX		\$ 0.00	

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.10 High Capacity Service (Cont'd)

(F) Rates and Charges (Cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>	
(5) <u>Multiplexing</u>			
Per arrangement (Cont'd)			
DS0 to Subrates ⁽¹⁾ (Cont'd)			(N)
Up to 10 4.8 kbps services	QSU48		
Zone 1 - AR		\$125.00	
Zone 2 - AR		\$125.00	
Zone 3 - AR		\$125.00	
Zone 1 - KS		\$125.00	
Zone 2 - KS		\$125.00	
Zone 3 - KS		\$125.00	
Zone 1 - MO		\$125.00	
Zone 2 - MO		\$125.00	
Zone 3 - MO		\$125.00	
Zone 1 - OK		\$125.00	
Zone 2 - OK		\$125.00	
Zone 3 - OK		\$125.00	
Zone 1 - TX		\$125.00	
Zone 2 - TX		\$125.00	
Zone 3 - TX		\$125.00	
			<u>Nonrecurring Charge</u>
Zone 1 - AR		\$ 0.00	
Zone 2 - AR		\$ 0.00	
Zone 3 - AR		\$ 0.00	
Zone 1 - KS		\$ 0.00	
Zone 2 - KS		\$ 0.00	
Zone 3 - KS		\$ 0.00	
Zone 1 - MO		\$ 0.00	
Zone 2 - MO		\$ 0.00	
Zone 3 - MO		\$ 0.00	
Zone 1 - OK		\$ 0.00	
Zone 2 - OK		\$ 0.00	
Zone 3 - OK		\$ 0.00	
Zone 1 - TX		\$ 0.00	
Zone 2 - TX		\$ 0.00	
Zone 3 - TX		\$ 0.00	

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.10 High Capacity Service (Cont'd)

(F) Rates and Charges (Cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>	
(5) <u>Multiplexing</u>			
Per arrangement (Cont'd)			
DS0 to Subrates ⁽¹⁾ (Cont'd)			(N)
Up to 5 9.6 kbps services	QSU96		
Zone 1 - AR		\$235.00	
Zone 2 - AR		\$235.00	
Zone 3 - AR		\$235.00	
Zone 1 - KS		\$235.00	
Zone 2 - KS		\$235.00	
Zone 3 - KS		\$235.00	
Zone 1 - MO		\$235.00	
Zone 2 - MO		\$235.00	
Zone 3 - MO		\$235.00	
Zone 1 - OK		\$235.00	
Zone 2 - OK		\$235.00	
Zone 3 - OK		\$235.00	
Zone 1 - TX		\$235.00	
Zone 2 - TX		\$235.00	
Zone 3 - TX		\$235.00	
			<u>Nonrecurring Charge</u>
Zone 1 - AR		\$ 0.00	
Zone 2 - AR		\$ 0.00	
Zone 3 - AR		\$ 0.00	
Zone 1 - KS		\$ 0.00	
Zone 2 - KS		\$ 0.00	
Zone 3 - KS		\$ 0.00	
Zone 1 - MO		\$ 0.00	
Zone 2 - MO		\$ 0.00	
Zone 3 - MO		\$ 0.00	
Zone 1 - OK		\$ 0.00	
Zone 2 - OK		\$ 0.00	
Zone 3 - OK		\$ 0.00	
Zone 1 - TX		\$ 0.00	
Zone 2 - TX		\$ 0.00	
Zone 3 - TX		\$ 0.00	

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7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.10 High Capacity Service (Cont'd)

(F) Rates and Charges (Cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>	
(5) <u>Multiplexing</u>			
Per arrangement (Cont'd)			
DS1 to DS0 ⁽¹⁾	QMU		(N)
Zone 1 - AR		\$210.00 (I)	
Zone 2 - AR		\$210.00 (I)	
Zone 3 - AR		\$210.00 (I)	
Zone 1 - KS		\$210.00 (I)	
Zone 2 - KS		\$210.00 (I)	
Zone 3 - KS		\$210.00 (I)	
Zone 1 - MO		\$210.00 (I)	
Zone 2 - MO		\$210.00 (I)	
Zone 3 - MO		\$210.00 (I)	
Zone 1 - OK		\$210.00 (I)	
Zone 2 - OK		\$210.00 (I)	
Zone 3 - OK		\$210.00 (I)	
Zone 1 - TX		\$210.00 (I)	
Zone 2 - TX		\$210.00 (I)	
Zone 3 - TX		\$210.00 (I)	
		<u>Nonrecurring Charge</u>	
Zone 1 - AR		\$ 0.00	
Zone 2 - AR		\$ 0.00	
Zone 3 - AR		\$ 0.00	
Zone 1 - KS		\$ 0.00	
Zone 2 - KS		\$ 0.00	
Zone 3 - KS		\$ 0.00	
Zone 1 - MO		\$ 0.00	
Zone 2 - MO		\$ 0.00	
Zone 3 - MO		\$ 0.00	
Zone 1 - OK		\$ 0.00	
Zone 2 - OK		\$ 0.00	
Zone 3 - OK		\$ 0.00	
Zone 1 - TX		\$ 0.00	
Zone 2 - TX		\$ 0.00	
Zone 3 - TX		\$ 0.00	

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7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.10 High Capacity Service (Cont'd)

(F) Rates and Charges (Cont'd)

(5) <u>Multiplexing</u>	<u>USOC</u>	<u>Monthly Rate</u>	
Per arrangement (Cont'd)			
DS1 to Voice ⁽¹⁾	MQ1		(N)
Zone 1 - AR		\$210.00 (I)	
Zone 2 - AR		\$210.00 (I)	
Zone 3 - AR		\$210.00 (I)	
Zone 1 - KS		\$210.00 (I)	
Zone 2 - KS		\$210.00 (I)	
Zone 3 - KS		\$210.00 (I)	
Zone 1 - MO		\$210.00 (I)	
Zone 2 - MO		\$210.00 (I)	
Zone 3 - MO		\$210.00 (I)	
Zone 1 - OK		\$210.00 (I)	
Zone 2 - OK		\$210.00 (I)	
Zone 3 - OK		\$210.00 (I)	
Zone 1 - TX		\$210.00 (I)	
Zone 2 - TX		\$210.00 (I)	
Zone 3 - TX		\$210.00 (I)	
		<u>Nonrecurring Charge</u>	
Zone 1 - AR		\$ 0.00	
Zone 2 - AR		\$ 0.00	
Zone 3 - AR		\$ 0.00	
Zone 1 - KS		\$ 0.00	
Zone 2 - KS		\$ 0.00	
Zone 3 - KS		\$ 0.00	
Zone 1 - MO		\$ 0.00	
Zone 2 - MO		\$ 0.00	
Zone 3 - MO		\$ 0.00	
Zone 1 - OK		\$ 0.00	
Zone 2 - OK		\$ 0.00	
Zone 3 - OK		\$ 0.00	
Zone 1 - TX		\$ 0.00	
Zone 2 - TX		\$ 0.00	
Zone 3 - TX		\$ 0.00	

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7. Special Access Service (Cont'd)

7.3 Service Descriptions, Rates and Charges (Cont'd)

7.3.10 High Capacity Service (Cont'd)

(F) Rates and Charges (Cont'd)

(10.4) 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	\$160.00	\$145.00	\$112.00	\$ 92.00	\$ 90.00
TMECS ZN2	\$170.00	\$155.00	\$116.00	\$100.00	\$ 95.00
TMECS ZN3	\$180.00	\$170.00	\$125.00	\$108.50 (R)	\$105.00

(2) Channel Mileage - Fixed

USOC	1 Year	2 Year	3 Year	5 year	7 year
1L5XX ZN1	\$50.00	\$45.00	\$39.00	\$34.00	\$32.50
1L5XX ZN2	\$55.00	\$50.00	\$42.50	\$37.50	\$35.00
1L5XX ZN3	\$57.50	\$55.00	\$45.00	\$40.00	\$37.50

- Per Mile

USOC	1 Year	2 Year	3 Year	5 year	7 year
1L5XX ZN1	\$14.50	\$14.00	\$13.00	\$10.00	\$ 9.50
1L5XX ZN2	\$15.00	\$14.50	\$13.50	\$10.50	\$10.00
1L5XX ZN3	\$15.25	\$15.00	\$14.00	\$11.00	\$10.50

(3) Central Office Multiplexing DS1 to DS0 voice/digital ⁽²⁾
 - Per arrangement

(N)

USOC	1 Year	2 Year	3 Year	5 year	7 year
MQ1/QMU ZN1	\$180.00	\$175.00	\$170.00	\$165.00	\$150.00
MQ1/QMU ZN2	\$182.50	\$180.00	\$175.00	\$170.00	\$155.00
MQ1/QMU ZN3	\$187.50	\$185.00	\$180.00	\$175.00	\$160.00

(4) Collocation Transport
 - Channel Mileage- Fixed

USOC	1 Year	2 Year	3 Year	5 year	7 year
1H48S ZN1	\$50.00	\$45.00	\$39.00	\$34.00	\$32.50
1H48S ZN2	\$55.00	\$50.00	\$42.50	\$37.50	\$35.00
1H48S ZN3	\$57.50	\$55.00	\$45.00	\$40.00	\$37.50

(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.

(N)

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(This page filed under Transmittal No. 3464)