President - Texas	ACCESS SERVICE TARIFF
AT&T Texas	Section: 7
Dallas, Texas	Sheet: 3
Issued: December 30, 2022	Revision: 6
Effective: January 1, 2023	Replacing: 5

SPECIAL ACCESS SERVICE

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7.1 Service Provisioning (Cont'd)

7.1.1 Types of Service Configurations

There are types of service configurations over which Special Access Services are provided, as shown following.

(A) Two Point Service

A two-point service connects two customer designated premises, either on a directly connected basis or through a hub where multiplexing, Network Reconfiguration Service or Transport Resource Management Service functions are performed.

(B) Multipoint Service

Multipoint service connects three or more customer designated premises through a SWBT hub.

Only certain types of Special Access Service are provided as multipoint service. These are so designated in the Service Descriptions set forth in 7.3 (Service Description, Rates and Charges).

There is no limitation on the number of mid-links (channels between hubs) available with multipoint service. However, when more than three mid-links are provided in tandem, the quality of the service may be degraded.

Multipoint service using a customized technical specifications package, as set forth in 7.3 (Service Description, Rates and Charges), will be provided when technically possible. If SWBT determines that the requested characteristics for a multipoint service are not compatible, the customer will be advised and given the opportunity to change the order.

(C) Multiplexed Service

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

(1)	Voice Grace to Telegraph $^{(1)}$ (43 Type Carrier) An arrangement that converts a Voice Grade channel to	(T)
	Telegraph Grade channels using frequency division multiplexing.	
(2)	Wideband Analog ⁽²⁾ Mastergroup to Supergroup	(T)

- (3) Wideband Analog⁽²⁾ Supergroup to Group (T)
- (4) Wideband Analog⁽²⁾Group to Voice Grade An arrangement that converts a Group channel to twelve Voice Grade⁽¹⁾ channels using frequency division multiplexing. (D) (T)
- (1) Effective June 30, 2021, this Service will no longer be available for purchase by new or (T) existing customers. In addition, requests to move, add, change, or renew 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 rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

(2) Wideband Services were previously removed effective November 11, 2014.

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7.1 Service Provisioning (Cont'd)

- 7.1.1 Types of Service Configurations (Cont'd)
 - (C) Multiplexed Service (Cont'd)

(6) High Capacity (DS1) to Voice Grade

An arrangement that converts a 1.544 Mbps channel to 24 channels for use with Voice Grade services⁽¹⁾. A channel (T) of this DS1 to the hub can also be used for Digital Link⁽¹⁾ (D)(T) Metallic service⁽¹⁾ or WATS Access Lines⁽¹⁾.

(7) High Capacity (DS1) to DSO

An arrangement that converts a $1.544\ \rm Mbps$ channel to 23 $64.0\ \rm kbps$ channels using digital time division multiplexing.

(8) High Capacity DSO to Subrate⁽¹⁾

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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 June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew 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 rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

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7.1 Service Provisioning (cont'd)

7.1.2 Types of Channels

For the purpose of ordering, the categories (channel types) of Special Access Service are:

Metallic ⁽¹⁾ Telegraph Grade ⁽¹⁾ Voice Grade ⁽¹⁾

(Deleted) (Deleted) Digital Link Service ⁽¹⁾ High Capacity

Detailed descriptions of each of the channel types are provided in 7.3 (Service Descriptions, Rates and Charges).

(1) Effective June 30, 2021, this Service will no longer be available for purchase by new or (T) existing customers. In addition, requests to move, add, change, or renew 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 rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

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SPECIAL ACCESS SERVICE

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⁽¹⁾ 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 for the individual channels derived from the facility to further tailor the channels to meet specific communications requirements. Descriptions of the optional features 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 (T) (analog or digital) facilities (i.e., Group, Supergroup, Mastergroup, DS1 and DS3) to a SWBT facility hub for multiplexing to individual channels of lower capacity or bandwidth (i.e., Telegraph⁽¹⁾, Voice⁽¹⁾, (T) etc.). Descriptions of the types of multiplexing available at the (T)(D) 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).

For example, a customer may order a 1.544 Mbps facility from a customer designated premises to a SWBT hub for multiplexing to Voice Grade⁽¹⁾, which may be extended to other customer designated premises. (T) Optional features may be added to either the 1.544 Mbps or the Voice Grade⁽¹⁾ channels. (T)

When ordering multipoint service, bridging or multiplexing, the customer will select the designated bridging hub(s) for its serving wire center from the National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4 and will select the appropriate subtending wire centers from the Subtending Wire Center Section of F.C.C. No. 4. Different locations may be designated as hubs for different facility capacities, e.g., multiplexing from digital to digital may occur at one location, while multiplexing from digital to analog may occur at a different location.

Special Access Service is ordered under the Access Order provisions set forth in Section 5 (Ordering Options for Switched and Special Access Services). Also included in that section are other charges which may be associated with ordering Special Access Service (e.g., Service Date Change Charges, Cancellation Charges, etc.). Ordering provisions as set forth in 2.6 (Jointly Provided Access Service) will apply when more than one local exchange company (LEC) is involved.

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⁽¹⁾Effective June 30, 2021, this Service will no longer be available for purchase by new or (T) existing customers. In addition, requests to move, add, change, or renew 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 rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

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SPECIAL ACCESS SERVICE

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, SWBT will cooperatively test the following parameters at the time of installation:
 - For Voice Grade⁽¹⁾ analog service (including WATS Access Lines⁽¹⁾, (T) acceptance tests will include tests for loss, 3-tone slope, DC continuity, operational signaling, C-notched noise, and C-message noise when these parameters are applicable and specified in the order for service. Additionally, for Voice Grade⁽¹⁾ services, a (T) balance test will be made if the customer has ordered the improved loss optional feature.
 - For other analog services (i.e., Metallic⁽¹⁾ and Telegraph⁽¹⁾, (T) acceptance tests will include tests for the parameters applicable (D) to the service as specified by the customer in the order for service.
 - For digital services, acceptance tests will include tests applicable to the service as specified in the appropriate Technical References for Digital Link⁽¹⁾ and High Capacity services. (T)
- 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.

(1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew 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 rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

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SPECIAL ACCESS SERVICE

7.2 Rate Regulations (Cont'd)

7.2.4 Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for Special Access Service are:

- Installation of Service
- Installation of Optional Features and Functions
- Service Rearrangements.

(A) Installation of Service

Nonrecurring charges apply to each service installed. These charges are set forth in 7.3 (Service Descriptions, Rates and Charges) as a nonrecurring charge for the Channel Termination rate element.

(B) Installation of Optional Features and Functions

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

The optional features for which nonrecurring charges apply are: - Voice Grade Data Capability $^{\left(1\right)}$

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- Digital Link Secondary Channel⁽¹⁾
- High Capacity Clear Channel Capability

(C) (Reserved for Future Use)

(D) Service Rearrangements

Service Rearrangements are changes to existing (installed) services which <u>do not</u> result in either (1) a change in the minimum period requirements as set forth in 5.3.4 (Minimum Period Charges) or (2) a change in the physical location of the Point of Termination at a customer designated premises.

Changes which result in the establishment of new minimum period obligations are treated as disconnects and starts. Changes in the physical location of the Point of Termination are treated as moves and are described and charged for as set forth in 7.2.7 (Moves).

The charge to the customer for the service rearrangement is dependent on whether the change is administrative only in nature or involves actual physical change to the service.

(1) Effective June 30, 2021, this Service will no longer be available for purchase by new or (T) existing customers. In addition, requests to move, add, change, or renew 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 rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

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SPECIAL ACCESS SERVICE

7.2 Rate Regulations (cont'd)

7.2.7 Moves

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

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

The charges are dependent on the type of move requested by the customer.

A. Moves of the Point of Termination Within the Same Customer Premises

1. Rollover

A Rollover is a customer initiated move that involves a change of a Point of Termination from an existing service to another existing service within the same customer premises. The Rollover must occur within the same SWBT location.

Rollovers may be performed at the following service levels:

- Analog*/Digital Link⁽¹⁾ Service to 1.544 Mbps High Capacity (DS1)
- 1.544 Mbps High Capacity (DS1) to 1.544 Mbps High Capacity (DS1)
- 1.544 Mbps High Capacity (DS1) to 44.736 Mbps High Capacity (DS3)

2. <u>Relocation</u>

When the move of the Point of Termination is to a new location within the same customer premises, the move will be treated as an extension of access service facilities. Extension of access service facilities will be provided, at the customer's request, on a time sensitive charge basis. The labor rates which apply are set forth in 13.4 (Rates and Charges). There will be no change in minimum period requirements.

B. Moves of a Customer Premises

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

- * Analog services include: Metallic Service⁽¹⁾, Telegraph Grade Service⁽¹⁾
 (T) or Voice Grade Service⁽¹⁾.
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Effective June 30, 2021, this Service will no longer be available for purchase by new or (T) existing customers. In addition, requests to move, add, change, or renew 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 rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

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SPECIAL ACCESS SERVICE

7.2 Rate Regulations (Cont'd)

7.2.9 Facility Hubs

SWBT will commence billing the monthly rate for the facility to the hub on the date specified by the customer on the Access Order. Individual services using these facilities may be installed coincident with the installation of the facility to the hub or may be ordered and/or installed at a later date, at the option of the customer. The customer will be billed for a Voice Grade⁽¹⁾ or High Capacity digital (T) Channel Termination, Channel Mileage (when applicable), and the Multiplexer at the time the facility is installed. Individual service rates (by service type) will apply for a Channel Termination, additional Channel Mileage (as required) and an Inside Wire Recovery charge, if applicable for each channelized service. These will be billed to the customer as each individual service is installed. The service arrangement.

When cascading multiplexing is performed, whether in the same or a different hub, a charge for the additional multiplexing unit also applies. When cascading multiplexing is performed at different hubbing locations, Channel Mileage charges also apply between the hubs.

The customer will be charged for each such connection made at the (D) rates for Other Labor as set forth in Section 13.2.6(D) (Special Access Move Charges). The rates that apply for the service between each customer designated premises and the hub are a Channel Termination and Channel Mileage, if applicable. (D)

(1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, serF9vice will be provided on a month-to-month basis at the applicable Monthly rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

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SPECIAL ACCESS SERVICE

7.3 Service Descriptions, Rates and Charges

7.3.1 General

The types of Special Access Service are:

Metallic (MT) $^{(1)}$ Telegraph Grade (TG) $^{(1)}$ Voice Grade (VG) $^{(1)}$

Digital Link (DL)⁽¹⁾ High Capacity (HC) (T) (D)

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

- Transmission specificationsBandwidthSpeed (i.e., bit rate)
- Spectrum.

A. <u>Descriptions</u>

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 and functions.

Paragraph (A) of 7.3.2 through 7.3.11 provides a description of the characteristics of each basic channel type and indicates whether the channel is provided between customer designated premises or between a customer designated premises and a SWBT hub where bridging or multiplexing functions are performed. Customized channels are available as specified in 7.2.16.

(1) Effective June 30, 2021, this Service will no longer be available for purchase by new or (T) existing customers. In addition, requests to move, add, change, or renew 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 rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

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SPECIAL ACCESS SERVICE

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

7.3.1 General (cont'd)

B. Technical Specifications Packages (cont'd)

- The letter "C" following the two letter code indicates the technical specifications package for a customized service. For a customized service, the customer may select any parameters available with that category of service as long as the parameters are compatible. Customized technical specifications packages will be provided where technically feasible. If SWBT determines that the requested parameter specifications are not compatible, the customer will be advised and given the opportunity to change the order.

SWBT will maintain existing transmission specifications on services installed prior to the effective date of this tariff, except that existing services with performance specifications exceeding the standards listed in this provision will be maintained at the performance levels specified in this tariff.

All services installed after the effective date of this tariff will conform to the transmission specification standards contained in this tariff or in the following Technical References for each category of service.

Metallic ⁽¹⁾	TR-NPL-000336	(T)
Telegraph Grade ⁽¹⁾	TR-NPL-000336	
Voice Grade ⁽¹⁾	TR-TSY-000335	(T)
PUB	41004, Table 4	
WALS ⁽¹⁾	TR-NWT-000334	(T)
		(D)
Digital Link ⁽¹⁾	TR-NPL-000341	(T)
PUB	62310	
High Capacity	PUB 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.

(1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew 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 rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

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SPECIAL ACCESS SERVICE

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

7.3.5 Reserved for future use

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SPECIAL ACCESS SERVICE

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

7.3.5 Reserved for future use

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(T) (D) President - Texas AT&T Texas Dallas, Texas Issued: December 30, 2022 Effective: January 1, 2023 ACCESS SERVICE TARIFF Section: 7 Sheet: 61 Revision: 3 Replacing: 2

SPECIAL ACCESS SERVICE

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

7.3.5 Reserved for future use

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SPECIAL ACCESS SERVICE

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

7.3.10 High Capacity Service (Cont'd)

(E) Optional Features and Functions

Package HC-				
	<u>0</u>	<u>1</u>	<u>3</u>	
Central Office Multiplexing DSO to Subrate*(1)	Х	17	(1	T)
DS1 to DS0 DS1 to Voice DS3 to DS1		X X	x	
Clear Channel Capability		Х		
Extended Superframe Format		Х		

*Available only on a channel of 1.544 Mbps facility to a SWBT hub or on a DS0 channel $^{(1)}$ that connects to a customer's Network (T) Reconfiguration Service (NRS) network which contains a DS1 channel.

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(2) Central Office Multiplexing

(a) DS0 to Subrate⁽¹⁾

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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 DS0

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

(c) DS1 to Voice

An arrangement that converts a 1.544 Mbps channel to 24 channels for use with Voice $Grade^{(1)}$ Services. A (T) channel of this DS1 to the hub can also be used for Digital Link⁽¹⁾ for Metallic Service.⁽¹⁾ (D)(T)

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- (1) Effective June 30, 2021, this Service will no longer be available for purchase by new or (T) existing customers. In addition, requests to move, add, change, or renew 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 rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.
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SPECIAL ACCESS SERVICE

7.4 Miscellaneous Rates and Charges

(A) Rollover

A Nonrecurring Charge(s) will apply when a customer requests a Rollover of Special Access Service as described in 7.2.7(A)(1) (Rollover). The Nonrecurring Charge(s) is applied on a first and additional basis, per Access Order, as specified below.

			Nonrecurr First Circuit	ing Charge Additional Circuit	(3)
	 Analog*/Digital Link ⁽²⁾ to 1.544 Mbps High Capacity (DS1) per service rolled over (NRBRA) 		\$ 145.00	\$ 110.00	(T)
	 1.544 Mbps High Capacity (DS1) to 1.544 Mbps High Capacity (DS1) per service rolled over (NRBRH) 		160.00	120.00	
	 1.544 Mbps High Capacity (DS1) to 44.736 Mbps High Capacity (DS3) per service rolled over (NRBR1) 		160.00	120.00	
(B)	Special Access Surcharge (S25)	Monthly Rate	Nonrecuri First Circuit	ring Charge Additional <u>Circuit</u>	
	Per equivalent voice grade channel	\$ 25.00			
(C)	Message Station Equipment Recovery Charge (UTM) Per Special Access Surcharge assessed	7.29			
(D)	Access Order Charge		See Section 5.4		
(E)	Service Rearrangement Charge (NRBAC)				
	 Per circuit ⁽¹⁾ on the same Access Order for one or any combination of the following changes: Access Carrier Name Abbreviation (ACNA) Customer Carrier Name Abbreviation (CCNA) Billing Account Number (BNA) Customer Circuit ID (CKR) 		\$ 9.00	\$ 5.00	(T)
	og Services include: Metallic Ser e Grade Service ⁽²⁾ .	rvice ⁽²⁾ , 1	elegraph	Service ⁽²⁾ or	(T)
(1) Each leg	of a multipoint service will be treated as a	separate ci	rcuit and cha	arges applied as	(D)

described in 7.2.4(D). (2) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew 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 rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

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