

7. Special Access Service (Cont'd)7.7 Voice Grade Service (Cont'd)7.7.2 Technical Specifications Packages (Cont'd)

The technical specifications for these parameters (except for dropouts, gain hits, and phase hits) are delineated in Technical Reference TR-NPL-000334, TR-NPL-000335 and associated Addendum. The technical specifications for dropouts, phase hits, and gain hits are delineated in Technical Reference PUB 41004, Table 4.

7.7.3 Channel Interfaces

The following channel interfaces for Voice Grade service do not require signaling capability: AH, DA, DB, DM, DS, NO, PR and TF. (D)

The following channel interfaces for Voice Grade service require signaling capability: AB, AC, CT, DX, DY, EA, EB, EC, EX, GO, GS, LA, LB, LC, LO, LR, LS, RV and SF.

Compatible channel interfaces are set forth in Section 15.3, following. (T)

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

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

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

(This page filed under Transmittal No. 262)

7. Special Access Service (Cont'd)7.7 Voice Grade Service (Cont'd)7.7.4 Optional Features and Functions (Cont'd)(B) Conditioning

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.

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.

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

(1) C-Type Conditioning

C-Type Conditioning is provided for the additional control of attenuation distortion and envelope delay distortion on data services. The attenuation distortion and envelope delay distortion specifications for C-Type Conditioning are delineated in Technical Reference TR-NPL-000335.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

7. Special Access Service (Cont'd)7.7 Voice Grade Service (Cont'd)7.7.4 Optional Features and Functions (Cont'd)(B) Conditioning (Cont'd)(2) Improved Attenuation Distortion *

Improved Attenuation Distortion upgrades the frequency versus loss limits of the channel. The technical specifications for Improved Attenuation Distortion are delineated in Technical Reference TR-NPL-000335.

(3) Improved Envelope Delay Distortion *

Improved Envelope Delay Distortion upgrades the frequency versus delay Response limits of the channel. The technical specifications for Improved Envelope Delay Distortion are delineated in Technical Reference TR-NPL-000335.

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

(This page filed under Transmittal No. 1)

7. Special Access Service (Cont'd)7.7 Voice Grade Service (Cont'd)7.7.4 Optional Features and Functions (Cont'd)(B) Conditioning (Cont'd)(4) Sealing Current Conditioning

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

(C) Customer Specified Premises Receive Level

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

(D) Improved Return Loss

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

(2) On Effective Two-Wire Transmission at Two-Wire Point of Termination: Provides for more stringent Echo Control specifications. In order for this option to be applicable, the transmission path must be four-wire at one POT and two-wire at the other POT. Placement of Telephone Company equipment may be required at the customer's premises with the two-wire POT. The Improved Return Loss parameters are delineated in Technical Reference TR-NPL-000335.

(This page filed under Transmittal No. 1)

7. Special Access Service (Cont'd)7.7 Voice Grade Service (Cont'd)7.7.4 Optional Features and Functions (Cont'd)(E) Data Capability (D Conditioning)

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

The Signal to C-Notched Noise Ratio and intermodulation distortion parameter for Data Capability are:

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

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

(F) Telephoto Capability

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

(This page filed under Transmittal No. 1)

7. Special Access Service (Cont'd)7.7 Voice Grade Service (Cont'd)7.7.4 Optional Features and Functions (Cont'd)(F) Telephoto Capability (Cont'd)

<u>Attenuation Distortion</u> (1004Hz Reference)		<u>Envelope Delay Distortion</u>	
<u>Frequency Range (Hz)</u>	<u>Variation (dB)</u>	<u>Frequency Range (Hz)</u>	<u>Variation (mcs)</u>
500-3000	-0.5 to +1.5	1000-2600	110
300-3200	-1.0 to +2.5	800-2800	180

(G) Signaling Capability

Signaling Capability provides for the ability to transmit signals from one customer premises to another customer premises on the same service.

(H)

(D)

(D)

(This page filed under Transmittal No. 237)

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Four AT&T Plaza, Dallas, Texas 75202

7. Special Access Service (Cont'd)7.7 Voice Grade Service (Cont'd)7.7.4 Optional Features and Functions (Cont'd)(I) Four-Wire/Two-Wire Conversions

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

(J) Improved Two-Wire Voice Transmission(1) Loss Deviation

The maximum Loss Deviation of the 1004 HZ loss relative to the Expected measured Loss (EML) is -4.0 dB to +4.0 dB.

(2) Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 280 Hz frequency band relative to loss at 1004 Hz is -2.0 dB to +6.0 dB.

(3) C-Message Noise

The maximum C-Message Noise for the transmission path at the route miles listed is less than:

<u>Route Miles</u>	<u>C-Message Noise</u>
less than 50	35 dBrnc
51 to 100	37 dBrnc
101 to 200	40 dBrnc
201 to 400	43 dBrnc
401 to 1000	45 dBrnc

(This page filed under Transmittal No. 1)

7. Special Access Service (Cont'd)7.7 Voice Grade Service (Cont'd)7.7.4 Optional Features and Functions (Cont'd)(J) Improved Two-Wire Voice Transmission (Cont'd)(4) Return Loss

The Return Loss, expressed as Echo Return Loss (ERL) and Singing Return Loss (SRL), is equal to or greater than:

ERL	13.0 dB
SRL	6.0 dB

The rate for the provision of Improved Two-Wire Voice Transmission is included as part of the basic Channel Termination rate.

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Four AT&T Plaza, Dallas, Texas 75202

7. Special Access Service (Cont'd)7.7 Voice Grade Service (Cont'd)7.7.4 Optional Features and Functions (Cont'd)

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

	Available with Technical Specifications Package VG-													
	C	1	2	3	4	5	6	7	8	9	10	11	W	
C-Type Conditioning Central Office Bridging Capability	X					X	X	X	X	X	X			
Customer Specified Premises Receive Level	X		X			X	X					X	X	
Data Capability	X		X	X				X	X	X				
Improved Return Loss For Effective Four-Wire Transmission	X						X	X				X		
For Effective Two-Wire Transmission	X	X	X	X	X	X	X	X	X	X	X	X	X	
Improved Two-Wire Voice Transmission	X		X	X				X						
PPSN Interface Arrangement ⁽¹⁾	X									X				X
Sealing Current Conditioning	X						X							
Signaling Capability	X	X	X	X				X	X	X				
Telephoto Capability	X												X	(C)

(C)

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

(N)
(N)
(N)

(This page filed under Transmittal No. 72)

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Four AT&T Plaza, Dallas, Texas 75202

7. Special Access Service (Cont'd)7.7 Voice Grade Service (Cont'd)7.7.5 WATS Access Line (WAL) Service(A) Basic Channel Description

A WATS Access Line service provides a service for voice frequency transmission capability. The service provides a connection between a customer designated premises and a WATS serving office associated with the closed end of 800 Service or WATS. Originating access is provided with Feature Group D Switched Access Service as set forth in Section 6, preceding. Terminating access is provided with Feature Group A, B, or D as set forth in Section 6, preceding.

(D)
(T)
(D)
(T)

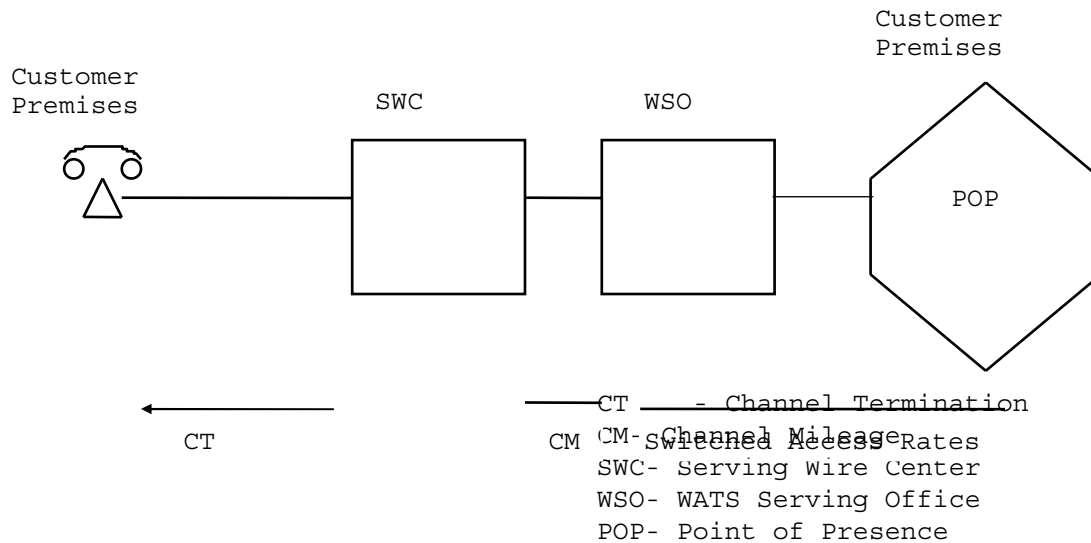
WAL Service can be arranged for screening, blocking and directionality at the option of the customer and where available. It is provided with either rotary dial or dual tone multifrequency address signaling and either loop start, ground start, E&M, or reverse battery supervisory signaling. The choice of the type of signaling is at the option of the customer and subject to the technical limitations identified in the Technical Reference TR-NPL-000334. WATS Access Line Service is provided as an effective two-wire, or an effective four-wire transmission path.

WAL Service is provided for interstate communications only. All originating intrastate intraLATA calls will be blocked.

(This page filed under Transmittal No. 253)

7. Special Access Service (Cont'd)7.7 Voice Grade Service (Cont'd)7.7.5 WATS Access Line (WAL) Service (Cont'd)(A) Basic Channel Description (Cont'd)

The following diagram depicts a WATS Access Line service.



Applicable Rate elements are:

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

(B) Technical Specifications

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

(C) Channel Interfaces

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

(This page filed under Transmittal No. 1)

7. Special Access Service (Cont'd)7.7 Voice Grade Service (Cont'd)7.7.5 WATS Access Line (WAL) Service (Cont'd)(D) Optional Features and Functions

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

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

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

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Four AT&T Plaza, Dallas, Texas 75202

7. Special Access Service (Cont'd)7.7 Voice Grade Service (Cont'd)7.7.6 Rates and Charges

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

(N)

(N)

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

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

(N)

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

(N)

(This page filed under Transmittal No. 304)

7. Special Access Service (Cont'd)7.7 Voice Grade Service (Cont'd)7.7.6 Rates and Charges (Cont'd)(C) Optional Features and Functions(1) Bridging(a) Voice Bridging

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

(b) Data Bridging

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

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Four AT&T Plaza, Dallas, Texas 75202

7. Special Access Service (Cont'd)7.7 Voice Grade Service (Cont'd)7.7.6 Rates and Charges (Cont'd)(C) Optional Features and Functions (Cont'd)

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

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

(T)

(This page filed under Transmittal No. 4)

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Four AT&T Plaza, Dallas, Texas 75202

7. Special Access Service (Cont'd)7.7 Voice Grade Service (Cont'd)7.7.6 Rates and Charges (Cont'd)(C) Optional Features and Functions (Cont'd)

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

(This page filed under Transmittal No. 1)

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Four AT&T Plaza, Dallas, Texas 75202

7. Special Access Service (Cont'd)7.7 Voice Grade Service (Cont'd)7.7.6 Rates and Charges (Cont'd)(C) Optional Features and Functions (Cont'd)

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

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

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

(This page filed under Transmittal No. 1)

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Four AT&T Plaza, Dallas, Texas 75202

7. Special Access Service (Cont'd)

7.7 Voice Grade Service (Cont'd)

7.7.6 Rates and Charges (Cont'd)

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

Monthly
Rate

(8)

(D)

(D)

(This page filed under Transmittal No. 237)

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Effective: September 27, 2012

Four AT&T Plaza, Dallas, Texas 75202

ACCESS SERVICE

7. Special Access Service (Cont'd)7.8 Program Audio Service7.8.1 Basic Channel Description

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

7.8.2 Technical Specifications Packages

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

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

7.8.3 Channel Interfaces

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

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

(This page filed under Transmittal No.)

7. Special Access Service (Cont'd)7.8 Program Audio Service (Cont'd)7.8.3 Channel Interfaces (Cont'd)

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

Compatible channel interfaces are set forth in 15.3 following.

7.8.4 Optional Features and Functions(A) Gain Conditioning

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

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

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

(D)

(This page filed under Transmittal No. 4)

7. Special Access Service (Cont'd)7.8 Program Audio Service7.8.5 Rates and Charges

Effective November 1, 2017, all rate elements, other than End User channel terminations and their applicable optional features⁽²⁾ in Non-Competitive Counties, are no longer available from Section 7.8.5 for new service subscriptions.⁽¹⁾ The application of rates and charges for Special Access services is based upon the county classification as Competitive or Non-Competitive, as provided in Section 7.2.2. A list of Competitive and Non-Competitive Counties is located in Sections 17.2(C) and (D).

(N)

(N)

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

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

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

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

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

(N)

(N)

(This page filed under Transmittal No. 304)

7. Special Access Service (Cont'd)7.8 Program Audio Service7.8.5 Rates and Charges (Cont'd)(C) Optional Features and Functions

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

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

Rates contained in this transmittal are subject to subsequent adjustment, effective retrospectively, in the event the Commission or a court subsequently authorizes Nevada to correct its rates pursuant to pending motions, or petitions for reconsideration or waiver, or in the event of any other adjustment to an order of the Commission or a court.

(This page filed under Transmittal No. 103)

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Four AT&T Plaza, Dallas, Texas 75202

ACCESS SERVICE

7. Special Access Service (Cont'd)7.9 Video Service7.9.1 Basic Channel Description

A Video channel is a channel with one-way transmission capability for a standard 525 line/60 field monochrome, or National Television Systems Committee color, video signal and one or more audio signals, as described below. The provision and the bandwidth of the associated audio signal(s) is a function of the channel interface selected by the customer. Video channels are provided between customer designated premises or between a customer designated premises and a Telephone Company hub or hubs, where available.

(A) Analog Video Service

The bandwidth for analog video service is either 30 Hz to 4.5 MHz or 30 Hz to 6.6 MHz. The associated audio signal(s) may be either duplexed or provided as one to four separate channels.

(1)

(D)

⁽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.

ACCESS SERVICE

7. Special Access Service (Cont'd)7.9 Video Service7.9.1 Basic Channel Description

A Video channel is a channel with one-way transmission capability for a standard 525 line/60 field monochrome, or National Television Systems Committee color, video signal and one or more audio signals, as described below. The provision and the bandwidth of the associated audio signal(s) is a function of the channel interface selected by the customer. Video channels are provided between customer designated premises or between a customer designated premises and a Telephone Company hub or hubs, where available. (x)

(A) Analog Video Service

The bandwidth for analog video service is either 30 Hz to 4.5 MHz or 30 Hz to 6.6 MHz. The associated audio signal(s) may be either duplexed or provided as one to four separate channels. (x)

(1)

(x)

⁽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.

(x) Issued under authority of Special Permission No. 09-028 of the FCC in order to withdraw material filed under Transmittal No. 202 without its becoming effective and to restore currently effective material.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.9 Video Service (Cont'd)

7.9.1 Basic Channel Description (Cont'd)

(1)

(D)

⁽¹⁾ See footnote (1) on page 7-66.

ACCESS SERVICE

7. Special Access Service (Cont'd)7.9 Video Service (Cont'd)7.9.2 Technical Specifications Packages

<u>Parameter</u>	<u>Package TV-</u>			(M)
	<u>C*</u>	<u>1</u>	<u>2</u>	
Amplitude/Frequency Response Characteristics	X	X	X	(M)
Audio-To-Video Time Differential	X	X	X	
Chrominance/Luminance Inequalities				
Gain	X	X	X	
Delay	X	X	X	
Chrominance/Luminance Intermodulation	X	X	X	
Chrominance Nonlinear Gain Distortion	X	X	X	
Chrominance Nonlinear Phase Distortion	X	X	X	
Crosstalk	X	X	X	
Differential Gain	X	X	X	
Differential Phase	X	X	X	
Dynamic Gain (picture and sync signal)	X	X	X	
Field-Time Distortion	X	X	X	
Gain/Difference Between Channels	X	X		
Phase Difference Between Channels	X	X		
Insertion Gain	X	X	X	
Line-Time Distortion	X	X	X	
Luminance Non-Linear Distortion	X	X	X	
Maximum Steady-State Test Levels	X	X	X	
Short-Time Distortion	X	X	X	
Total Harmonic Distortion and Noise	X	X	X	
Transient Sync Signal				
Non-Linearity	X	X	X	

The technical specifications are delineated in Technical Reference TR-NPL-000338.

* The desired parameters are selected by the customer from the list of available parameters.
Material now appearing on this page previously appeared on Original Page 7-66.

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Four AT&T Plaza, Dallas, Texas 75202

7. Special Access Service (Cont'd)7.9 Video Service (Cont'd)7.9.3 Channel Interfaces

The following channel interfaces (CIs) define the bandwidth and the provision of the audio signal(s) associated with a Video Channel:

<u>CI</u>	<u>Audio Bandwidth</u>	<u>Provision</u>
2TV6-1	15kHz	1 Channel, diplexed
2TV6-2	15kHz	2 Channels, diplexed
2TV7-1	15kHz	1 Channel, diplexed
2TV7-2	15kHz	2 Channels, diplexed
4TV6-5	5kHz	1 Channel, separate
4TV6-15	15kHz	1 Channel, separate
4TV7-5	5kHz	1 Channel, separate
4TV7-15	15kHz	1 Channel, separate
6TV6-5	5kHz	2 Channels, separate
6TV6-15	15kHz	2 Channels, separate
6TV7-5	5kHz	2 Channels, separate
6TV7-15	15kHz	2 Channels, separate

Compatible channel interfaces are set forth in 15.3 following.

(This page filed under Transmittal No. 1)

Issued: February 16, 2001

Effective: March 3, 2001

Four AT&T Plaza, Dallas, Texas 75202

ACCESS SERVICE

7. Special Access Service (Cont'd)7.9 Video Service (Cont'd)7.9.4 Rates and Charges

Effective November 1, 2017, all rate elements, other than End User channel terminations and their applicable optional features⁽²⁾ in Non-Competitive Counties, are no longer available from Section 7.9.4 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 7.2.2. A list of Competitive and Non-Competitive Counties is located in Sections 17.2(C) and (D).

(N)

(N)

				Nonrecurring	
		Monthly	Daily*	Charge	
		Rate	Rate	Monthly	Daily
		USOC			
(A) Channel Termination					
(1) Analog					
- Per Termination					
- TV-1 or 2	TMEV1	\$450.00	\$125.00	\$250.00	\$250.00
- 4TV-5	TMEV4	\$500.00	\$125.00	\$250.00	\$250.00
- 6TV-5	TMEV6	\$500.00	\$125.00	\$250.00	\$250.00
- TV-15	TMEV5	\$500.00	\$125.00	\$250.00	\$250.00
(B) Channel Mileage					
(1) Channel Mileage		USOC	Monthly Rate	Daily Rate*	
Facility					
- Per Mile					
- TV 1 or 2	1L5XX/CMF		\$60.00		\$35.00
- 4TV-5	1L5XX/CMF		\$60.00		\$35.00
- 6TV-5	1L5XX/CMF		\$60.00		\$35.00
- TV-15	1L5XX/CMF		\$60.00		\$35.00
(2) Channel Mileage Termination					
- Per Termination					
- TV-1 or 2	1L5XX/CMT		None		None
- 4TV-5	1L5XX/CMT		None		None
- 6TV-5	1L5XX/CMT		None		None
- TV-15	1L5XX/CMT		None		None

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

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

(N)

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

(N)

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Effective: November 1, 2017

675 W. Peachtree St. NW, Atlanta, GA 30308

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.9 Video Service (Cont'd)

7.9.4 Rates and Charges (Cont'd)

(1)

(D)

⁽¹⁾ See footnote (1) on page 7-66.

(This page filed under Transmittal No. 176)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.9 Video Service (Cont'd)

7.9.4 Rates and Charges (Cont'd)

(1)

(D)

⁽¹⁾ See footnote (1) on page 7-66.

(This page filed under Transmittal No. 176)

Issued: January 24, 2008

Effective: February 8, 2008

Four AT&T Plaza, Dallas, Texas 75202

7. Special Access Service (Cont'd)7.10 Digital Data Service7.10.1 Basic Channel Description

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

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

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

7. Special Access Service (Cont'd)7.10 Digital Data Service (Cont'd)7.10.2 Technical Specifications Packages

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

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

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

(This page filed under Transmittal No. 1)

Issued: February 16, 2001

Effective: March 3, 2001

Four AT&T Plaza, Dallas, Texas 75202

7. Special Access Service (Cont'd)7.10 Digital Data Service (Cont'd)7.10.3 Channel Interfaces

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

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

Compatible channel interfaces are set forth in 15.3 following.

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

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

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

(This page filed under Transmittal No. 1)

7. Special Access Service (Cont'd)7.10 Digital Data Service (Cont'd)7.10.5 Rates and Charges

Effective November 1, 2017, all rate elements, other than End User channel terminations and their applicable optional features⁽²⁾ in Non-Competitive Counties, are no longer available from Section 7.10.5 for new service subscriptions.⁽¹⁾ The application of rates and charges for Special Access services is based upon the county classification as Competitive or Non-Competitive, as provided in Section 7.2.2. A list of Competitive and Non-Competitive Counties is located in Sections 17.2(C) and (D).

(N)

(N)

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

(B) Channel Mileage(1) Channel Mileage Facility

- Per Mile

	USOC	Monthly Rates
- 2.4 kbps	1L5XX/CMF	\$0.72
- 4.8 kbps	1L5XX/CMF	0.72
- 9.6 kbps	1L5XX/CMF	0.72
- 56 kbps	1L5XX/CMF	0.72
- 64 kbps	1L5XX/CMF	0.72

(2) Channel Mileage Termination

- Per Termination

	USOC	Monthly Rates
- 2.4 kbps	1L5XX/CMT	\$13.00
- 4.8 kbps	1L5XX/CMT	13.00
- 9.6 kbps	1L5XX/CMT	13.00
- 56 kbps	1L5XX/CMT	13.00
- 64 kbps	1L5XX/CMT	13.00

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

(N)

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

(N)

(This page filed under Transmittal No. 304)

7. Special Access Service (Cont'd)7.10 Digital Data Service (Cont'd)7.10.5 Rates and Charges (Cont'd)

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

(This page filed under Transmittal No. 1)

Issued: February 16, 2001

Effective: March 3, 2001

Four AT&T Plaza, Dallas, Texas 75202

7. Special Access Service (Cont'd)7.11 High Capacity Service7.11.1 Basic Channel Description

A High Capacity channel is a channel for the transmission of nominal 1.544, 3.152, 6.312, 44.736 (DS3), or 274.176 Mbps isochronous serial data. The actual bit rate and framing format is a function of the channel interface selected by the customer. DS3 will be provided with an electrical handoff at the customer premise at the request of the customer. High Capacity channels are provided between customer designated premises or between a customer designated premises and a Telephone Company hub or hubs.

The customer will provide the Network Channel Terminating Equipment associated with the High Capacity channel at the customer's premises. The interim program for interconnection of such equipment is set forth in Technical Reference PUB AS No. 1.

(T)

DS3 High Capacity service offerings are only available where facilities and operating conditions permit. Where facilities and/or operating conditions do not permit, Special Construction as set forth in Pacific Bell Telephone Company's FCC No. 2 shall apply.

7.11.2 Technical Specifications Packages

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

(T)

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 CSU equivalent which is designed, manufactured, and maintained to conform with the specifications contained in Technical Reference PUB 62411 and Technical Advisory TA-TSY-000342.

(This page filed under Transmittal No. 4)

7. Special Access Service (Cont'd)7.11 High Capacity Service (Cont'd)7.11.3 Channel Interfaces

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

<u>CI</u>	<u>Bit Rate</u>
DS-15	1.544 Mbps (DS1)
DS-27	274.176 Mbps (DS4)
DS-31	3.152 Mbps (DS1C)
DS-44	44.736 Mbps (DS3)
DS-63	6.312 Mbps (DS2)

Compatible channel interfaces are set forth in 15.3 following.

7.11.4 Optional Features and Functions(A) Transfer Arrangement

An arrangement that affords the customer an additional measure of flexibility in the use of their access channel(s). 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. A dial-up control service is required to operate the transfer arrangement. A spare channel, if required, is not included as part of the option.

(This page filed under Transmittal No. 1)

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

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

(2) DS3 to DS1

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

(3) DS2 to DS1

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

(4) DS1C to DS1

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

(5) DS1 to Voice/Digital

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

(This page filed under Transmittal No. 235)

7. Special Access Service (Cont'd)7.11 High Capacity Service (Cont'd)7.11.4 Optional Features and Functions (Cont'd)(B) Central Office Multiplexing (Cont'd)(6) DS1 to DS0

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

(7) DS0 to Subrate

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

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

Available with Technical
Specifications Package HC-

	<u>0</u>	<u>1</u>	<u>1C</u>	<u>2</u>	<u>3</u>	<u>4</u>
--	----------	----------	-----------	----------	----------	----------

Central Office
Multiplexing:

DS4 to DS1						X
DS3 to DS1					X	
DS2 to DS1				X		
DS1C to DS1			X			
DS1 to Voice/Digital	X					
DS1 to DS0		X				
DS0 to Subrate*		X				
Cross-Connect		X				
Transfer Arrangement		X				

(8) Multiplexer Cross-Connect (MCC)

An arrangement which provides the cross-connect of one channel of a Special Access High Capacity DS3 multiplexer to a channel of another Special Access High Capacity DS3 Multiplexer.

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

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

7. Special Access Service (Cont'd)7.11 High Capacity Service (Cont'd)7.11.4 Optional Features and Functions (Cont'd)(B) Central Office Multiplexing (Cont'd)(8) Multiplexer Cross-Connect (MCC) (Cont'd)

offices where DS3 multiplexing is performed, appropriate Channel Mileage and Channel Mileage Termination Charges for the lower speed DS1 service will apply between the two central offices along with one MCC charge per cross-connect per central office.

When one service is cross-connected to another service, the two cross-connected services are treated separately for service performance measurement and service interruption credit purposes.

If two customers are involved, one customer will be responsible for the entire billing of MCC.

(N)

(N)

(This page filed under Transmittal No. 17)

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Four AT&T Plaza, Dallas, Texas 75202

7. Special Access Service (Cont'd)7.11 High Capacity Service (Cont'd)7.11.5 Rates and Charges General Description

This section contains the specific regulations governing the rates and charges which apply to High Capacity Services.

DS3 High Capacity Service is available under a month-to-month*, one, three or five-year billing period as described in 7.11.5.1 (A), following.⁽¹⁾ If the Utility initiates rate changes resulting in a decrease of rates for an existing DS3 service with a 1, 3 or 5 year billing period,⁽¹⁾ those rate changes will be passed along to the customer. Rate changes resulting in an increase of rates for an existing DS3 service with a 1, 3 or 5-year billing period will not exceed the original rate for that selected billing period. (N)

7.11.5.1 DS3 High Capacity Service Rate DescriptionMonthly Extension Rates

Monthly extension rates are charges that the customer may elect to be converted to at the end of their 1, 3 or 5-year billing period, until a new billing period is selected or service is disconnected. Monthly extension rates are only available once the billing period has expired.

(A) DS3 High Capacity Service Billing Period

The billing period establishes the amount of time that rates for a service are stabilized by the Utility.

The following billing periods are available for DS3 High Capacity Services and associated optional features and functions:

- Month-to-Month*
- Monthly Extension Rate
- 1 Year (Channel Termination Only)
- 3 Year (Channel Termination Only)
- 5 Year (Channel Termination Only)⁽¹⁾ (N)

* This option will no longer be available for new circuits provisioned on or after, November 21, 2003. There will be no change to existing circuits.

⁽¹⁾ Effective on September 13, 2017, DS3 High Capacity Service 5-year Payment Plans are no longer available, including for any otherwise available renewals, extensions or conversions. Circuits already subject to a DS3 High Capacity Service 5-year Payment Plan, as of September 13, 2017, will continue to be provided under the then-current DS3 High Capacity Service 5-year Payment Plan term for the remainder of that term. (N)

(This page filed under Transmittal No. 302)

7. Special Access Service (Cont'd)7.11 High Capacity Service (Cont'd)7.11.5.1 DS3 High Capacity Service Rate Description (Cont'd)(A) DS3 High Capacity Service Billing Period (Cont'd)

One month prior to the expiration of the billing period, the customer must select one of the following options:

(1) Renew the service for a specified period of time as provided in this tariff under the regulations.

(2) Elect to be converted to monthly extension rates.

(3) Elect to disconnect the service upon expiration of the billing period.

Extend the service for an additional 12 month period at the current rates for the existing 1, 3 or 5 year billing period.*

If the customer does not choose one of the preceding options prior to the expiration date of the commitment period, monthly extension rates will be applied upon expiration of the commitment period.

If a customer selects neither (1) nor (3) preceding, the current regulations for the Month-to-Month rate option will be applied to the Channel Termination upon expiration of the billing period.*

Option (1) as described preceding is available to customers if the term plans remain in effect and are not grandfathered. If the term plans are grandfathered and the service expires, absent customer notification, the customers expired service will be converted to monthly extension rates upon expiration.

The customer must provide the Telephone Company with a written notice of intent to extend the DS3 billing period no later than one month prior to the expiration of the service period.

*This option will no longer be available for new circuits provisioned on or after, November 21, 2003. There will be no change to existing circuits.

Certain material and revised material appearing on this page previously appeared on 2nd Revised Page 7-79.

(This page filed under Transmittal No. 55)

Issued: November 6, 2003

Effective: November 21, 2003

Four AT&T Plaza, Dallas, Texas 75202

7. Special Access Service (Cont'd)7.11 High Capacity Service (Cont'd)7.11.5 Rates and Charges General Description (Cont'd)7.11.5.1 DS3 High Capacity Service Rate Description (Cont'd)(A) DS3 High Capacity Service Billing Period (Cont'd)

No nonrecurring charges will apply as long as the same number of DS3s is renewed. Any change in the number of DS3s will incur appropriate nonrecurring charges. (Tx)

The customer may elect to extend an existing DS3 under a 1, 3 or 5 year billing period for a single, additional 12 month period at the current rates for the existing billing period provided the same number of DS3 circuits are being extended.* (Tx)

If the current DS3 rates are lower than the original DS3 rates, the lower rate will be charged.

The customer must provide the Utility with a written notice of intent to extend the DS3 billing period no later than one month prior to the expiration of the service period.

An existing DS3 under a 1 or 3 year billing period may be converted to a DS3 under a longer term 3 or 5-year billing period without termination liabilities, provided that: (Tx)

- (1) the expiration date for the new term agreement is beyond the end of the original term agreements,
- (2) the converted DS3 must be based upon the rates that are currently in effect and otherwise available to all customers,
- (3) the customer maintains the same or greater number of DS3 circuits under the new billing period, and
- (4) No lapse in service occurs.

* This option will no longer be available for new circuits provisioned on or after, November 21, 2003. There will be no change to existing circuits.

(Tx)
(Tx)

(x) Issued under authority of Special Permission No. 14-001 of the FCC in order to withdraw material filed under Transmittal No. 254 and suspended under Order DA-13-2349, released December 9, 2013, without its becoming effective and to restore currently effective material.

(This page filed under Transmittal No. 257)

Issued: January 15, 2014

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Four AT&T Plaza, Dallas, Texas 75202

7. Special Access Service (Cont'd)7.11 High Capacity Service (Cont'd)7.11.5 Rates and Charges General Description (Cont'd)7.11.5.1 DS3 High Capacity Service Rate Description (Cont'd)(B) DS3 High Capacity Service Termination Charges

In the event service is terminated prior to the expiration of the billing period, termination charges will apply. Termination charges do not apply to Month-to-Month service. In the event service is terminated prior to the end of the billing period, a termination charge utilizing the following termination percentage will apply:

<u>Billing Period</u>	<u>Termination Percentage</u>	
1, 3 or 5-year	45%	(Tx)

The termination charge is calculated as follows:

Monthly Rate x Months Remaining in Billing Period x Termination Percentage

Example: A customer with a \$5,000 monthly rate terminates service with 10 months remaining in a 3 year billing period. The termination charge would be calculated as follows:

$$\$5,000 \times 10 \times .45 = \$22,500$$

The termination charge would be: \$22,500

- (2) Customers requesting the termination of a DS3 under a 1, 3 or 5-year billing period prior to the expiration date of an extension of service will be charged a termination charge calculated as follows: (Tx)

Number of Months Utilized of the Extension of Service	X	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> Current Month To Month Rate </div>	-	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> Billing Period Monthly Rate </div>
---	---	--	---	--

- (3) When a DS3 High Capacity Service, which is billed under the Shared Use provision is terminated, the termination liability will be based on the full charges as listed in 7.11.5.2 following. (Tx)

- (4) A termination charge will not apply if the customer modifies service as set forth in 7.2.3 (Moves), preceding, as long as the customer maintains the same or greater number of DS3 circuits. (Tx)

(x) Issued under authority of Special Permission No. 14-001 of the FCC in order to withdraw material filed under Transmittal No. 254 and suspended under Order DA-13-2349, released December 9, 2013, without its becoming effective and to restore currently effective material. (Tx)

(This page filed under Transmittal No. 257)

7. Special Access Service (Cont'd)7.11 High Capacity Service (Cont'd)7.11.5.2 DS1 Term Payment Plan (DS1 TPP)(A) General Description

The DS1 Term Payment Plan (DS1 TPP) is a term plan that allows a customer to purchase DS1 High Capacity Service over a 1, 2, 3, 5, or 7 year period.⁽¹⁾ During the term of the selected DS1 TPP, Telephone Company initiated recurring rate changes (increases or decreases) will automatically be applied to the monthly payments for the remaining months of the current DS1 TPP term. The monthly recurring rate during the DS1 TPP term will never exceed the initial DS1 TPP rate. The DS1 TPP rates can be found in Section 7.11.5.3 following. (N)

The DS1 TPP cannot be combined with other tariffed services, discounts, or pricing flexibility contracts, unless explicitly stated in the respective tariff terms and conditions.

The following recurring rate elements are included in the DS1 TPP as described in 7.2 (Rate Regulations):

- DS1 High Capacity Service Channel Termination;
- DS1 High Capacity Service Channel Mileage - Channel Mileage Facility (per mile) and Channel Mileage Termination (per termination);
- DS1 High Capacity Service Central Office Multiplexing;
- DS1 High Capacity Service Collocation Transport (Fixed and Per Mile).

⁽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- and 7-year Payment Plan term for the remainder of that term. (N)

(This page filed under Transmittal No. 302)

7. Special Access Service (Cont'd)7.11 High Capacity Service (Cont'd)7.11.5.2 DS1 Term Payment Plan (DS1 TPP) (Cont'd)(B) Conversion of service to a new DS1 TPP or Higher Speed Service

During a customer's DS1 TPP term, conversion may be made to a new DS1 TPP term of the same or different length or an upgrade may be made to a higher speed service, if the expiration date for the new DS1 TPP term or for the new higher service is beyond the expiration of the original DS1 TPP term. The new DS1 TPP term or higher speed service must occur between the same two termination points as the original DS1 service being converted. The new DS1 TPP term or the higher speed service term becomes effective upon completion of the conversion activity. The rates, terms, and conditions applicable for the new DS1 TPP term or higher speed service will be those in effect at the time the conversion is requested. Credit for months under the previous DS1 TPP may not be transferred to the new DS1 TPP or to the higher speed service term. When all conditions described above are met, termination liability for the remaining months on the original DS1 TPP will not apply.

(Tx)

(Tx)

(C) Moves

During a DS1 TPP term a customer may move one end of a DS1 High Capacity Service to another location in the same LATA and keep the DS1 TPP in force provided the following requirements are met:

- (1) the customer must have met the minimum in-service period at the previous location and will be subject to a new minimum in-service period at the new location; and
- (2) the Move is accommodated on a single customer order with the stipulation that the BAN (Billing Account Number), the NC (Network Channel Code), ACTL (Access Customer Terminal Location) and the ECCKT (Circuit Id) are provided and are the same as for the existing circuit being moved.

(Tx)

(Tx)

(x) Issued under authority of Special Permission No. 14-001 of the FCC in order to withdraw material filed under Transmittal No. 254 and suspended under Order DA-13-2349, released December 9, 2013, without its becoming effective and to restore currently effective material.

(This page filed under Transmittal No. 257)

7. Special Access Service (Cont'd)7.11 High Capacity Service (Cont'd)7.11.5.2 DS1 Term Payment Plan (DS1 TPP) (Cont'd)(C) Moves (Cont'd)

Moves to a different wire center may result in a change in the application of the rate elements associated with the service and therefore could result in a change in the monthly recurring charges.

EXAMPLE #1: One end of a DS1 is changed from Location A to Location B within the same LATA. The new Channel Mileage associated with the one-ended Move increased by 2 miles. Therefore, the resulting Channel Mileage calculation increases the monthly recurring charge accordingly.

EXAMPLE #2: One end of a DS1 is changed from Location C to Location D within the same LATA. The new Channel Mileage associated with the one-ended Move decreased by 5 miles. Therefore, the resulting Channel Mileage calculation decreases the monthly recurring charge accordingly.

If no lapse in service occurs and if the requirements in (1) and (2) as stated previously are met, termination liability will not apply. Nonrecurring Channel Termination Charges or Nonrecurring Collocation Transport Charges for the physical move will apply.

(D) Expiration of DS1 TPP Term options

DS1 TPP is not available for renewal. At the expiration of the DS1 TPP term, the customer may select a new DS1 TPP term at the prevailing DS1 TPP rates. If a customer does not wish to purchase a new DS1 TPP at the expiration of the term, the customer's service will automatically convert to the current month-to-month rates.

(N)

(N)

(This page filed under Transmittal No. 41)

7. Special Access Service (Cont'd)7.11 High Capacity Service (Cont'd)7.11.5.2 DS1 Term Payment Plan (DS1 TPP) (Cont'd)(E) DS1 High Capacity Service Portability Commitment

DS1 High Capacity Service Portability Commitment provides a customer the ability to establish a regional volume commitment in the form of DS1 Channel Terminations and receive a waiver on DS1 TPP Termination Liability, as described in 7.11.5.2(G), during the life of the Portability Commitment. The Portability Commitment will consist of a Commitment Level (CL), as described below, and will have a term of three years. The Portability Commitment does not otherwise affect the rates, terms, or conditions of the Customer's DS1 TPP. The Portability Commitment may be renewed. To renew, the Customer must notify the Telephone Company, in writing, with such notice directed to both the Customer's account manager and the access service center, and specifically identify the Customer's Commitment Level (as defined herein), prior to the expiration of the Customer's existing Portability Commitment term.

Customers may purchase DS1 service under DS1 TPP terms of 2, 3, 5, or 7-years ⁽¹⁾ and have the associated Channel Terminations count towards the CL. (N)

Following are the terms and conditions associated with the Portability Commitment:

- (1) Customer commits to a 3-Year Commitment Level (CL) that is reviewed on a monthly basis. The initial monthly CL is calculated by Telephone Company and is the total of all DS1 Channel Terminations in-service for the month previous to the month in which the Customer notifies the Telephone Company, in writing, of the Customer's CL. The initial monthly CL will consist of all Channel Terminations including those on Month-to-Month terms and other term pricing plans. The effective date of the Portability Commitment will be the first day of the month immediately following the month in which the Portability Commitment is signed;
- (2) Customer must have a minimum of 40 Channel Terminations in-service each month and at least 80% of the CL under a 2, 3, 5, or 7- year DS1 TPP each month; ⁽¹⁾ (N)
- (3) At the commencement of the Customer's Portability Commitment and upon any renewal of a Portability Commitment, at least 80 percent of the Customer's CL must be purchased under a 2, 3, 5, or 7-year ⁽¹⁾ DS1 TPP; and (N)

⁽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- and 7-year Payment Plan term for the remainder of that term. (N)

(This page filed under Transmittal No. 302) (N)

7. Special Access Service (Cont'd)7.11 High Capacity Service (Cont'd)7.11.5.2 DS1 Term Payment Plan (DS1 TPP) (Cont'd)(E) DS1 High Capacity Service Portability Commitment (Cont'd)

- (3) Each month, the total number of 2, 3, 5, and 7-year DS1 TPP Channel Terminations for the previous month will be calculated and measured against the corresponding monthly CL; (Tx)
- (a) If the total number of Channel Terminations, as calculated above, is 80% - 124% of the CL, no other charges will apply for the previous month.
- (b) If the total number of Channel Terminations, as calculated above, is less than 80% of the CL, charges will be assessed as follows:
- (i) Customer will be billed the difference between 80% of the CL and the actual number of in-service Channel Terminations. EXAMPLE #1: Customer A has a CL = 1,000 Channel Terminations for the month of June. Customer A must have at least 800 DS1 Channel Terminations in-service to meet the 80% target. In July, the monthly review calculated 795 DS1 Channel Terminations in-service for the month of June. The difference between 80% of the CL (800) and the actual in-service total (795) is 5 Channel Terminations. Therefore, the customer will be billed an amount equal to 5 Channel Terminations multiplied by the current Nonrecurring Channel Termination rate. For subsequent months, Customer A will continue to be billed an amount equal to the difference between 80% of the CL and the actual in-service number of Channel Terminations that are below 80% of the CL (multiplied) by the current nonrecurring Channel Termination rate, until 80% of the CL is met.
- (c) If the total number of in-service Channel Terminations, as calculated above, is more than 124% of the CL, the customer will be billed an adjustment factor equal to the Nonrecurring Channel Termination charge multiplied by the difference between the actual number of Channel Terminations in-service and 124% of the CL.

(Tx)
(Tx)

- (x) Issued under authority of Special Permission No. 14-001 of the FCC in order to withdraw material filed under Transmittal No. 254 and suspended under Order DA-13-2349, released December 9, 2013, without its becoming effective and to restore currently effective material.

(This page filed under Transmittal No. 257)

7. Special Access Service (Cont'd)7.11 High Capacity Service (Cont'd)7.11.5.2 DS1 Term Payment Plan (DS1 TPP) (Cont'd)(E) DS1 High Capacity Service Portability Commitment (Cont'd)

(4) (Cont'd)

(ii) EXAMPLE #2: Customer B has a CL of 500 Channel Terminations. In month 5 of the commitment, Customer B has 650 Channel Terminations in-service. Customer B has exceeded the CL by more than the 124% threshold (620). Customer B will be charged an adjustment factor equal to 30 Channel Terminations (650-620) multiplied by the current Nonrecurring Channel Termination rate. For subsequent months, Customer B will continue to be charged the Nonrecurring Channel Termination rate multiplied by the difference between the actual number of Channel Terminations in-service and 124% of the CL until Customer B no longer exceeds the CL by the 124% threshold.

(T)

(d) Customers may increase the Commitment Level (CL) at any time by providing written notification to Telephone Company. Credits for previously charged adjustments billed for exceeding the CL will not be provided when a customer increases the CL. However, an adjustment factor will not be billed if notice to increase the CL is provided to the Telephone Company within the calendar month following a reported adjustment, and the CL increase is sufficient that the number of in-service rate elements does not exceed 124% of the new CL. For instance, in Example #2 above, if the Customer increases the CL from 500 to 525 before the end of month 6, the adjustment factor applicable to month 5 will not be billed because the actual in-service volume (650) is less than or equal to the new 124% threshold (651).

(N)

(N)

Some material on this page now appears on Original Page 7-81.6.1

(This page filed under Transmittal No. 213)

7. Special Access Service (Cont'd)7.11 High Capacity Service (Cont'd)7.11.5.2 DS1 Term Payment Plan (DS1 TPP) (Cont'd)(E) DS1 High Capacity Service Portability Commitment (Cont'd)

(4) (Cont'd)

(e) If the customer elects to terminate the DS1 High Capacity Service Portability Commitment or elects to decrease the CL prior to the 3-Year commitment, Termination Liabilities will apply. Termination Liability is calculated as the decreased number of Channel Terminations multiplied by the prevailing Month-to-Month recurring rate multiplied by the number of months remaining in the term of the Portability Commitment. (M)

(i) EXAMPLE #3: Customer C has a CL equal to 1,000 Channel Terminations. In month 10 of the 36-month Portability Commitment, Customer C elects to decrease the CL by 50 Channel Terminations. The Termination Liability associated with the decrease is equal to:

(50 Channel Terminations) X (26 months remaining) X (prevailing Month-to-Month Rate) (M)

Material on this page previously appeared on 3rd Revised Page 7-81.6

(This page filed under Transmittal No. 213)

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Effective: December 3, 2010

Four AT&T Plaza, Dallas, Texas 75202

7. Special Access Service (Cont'd)7.11 High Capacity Service (Cont'd)7.11.5.2 DS1 Term Payment Plan (DS1 TPP) (Cont'd)(E) DS1 High Capacity Service Portability Commitment
(Cont'd)

(4) (Cont'd)

(ii) EXAMPLE #4: Customer D has a CL equal to 500 Channel Terminations. In month 20 of the 36-month Portability Commitment, Customer D elects to terminate the entire Portability Commitment. The Termination Liability associated with the termination of the entire commitment is equal to:

(500 Channel Terminations) X (16 months remaining) X (prevailing Month-to-Month Rate)

(F) Applicable One-Time Charges

(1) DS1 Term Payment Plan Non-Recurring Charges

Non-recurring channel termination charge will apply per channel termination on new installations of DS1 High Capacity Service on 1 year DS1 TPP term, and on all physical moves of DS1 High Capacity Services. Non-recurring channel termination charges will be waived on new installations with 2, 3, 5, and 7-year DS1 TPP terms. The Nonrecurring Channel Termination Charge will also apply, applicable as stated in 7.11.5.2(E) previously, for customers who have a DS1 High Capacity Service Portability Commitment.

(Tx)

(Tx)

(Tx)

(Tx)

(x) Issued under authority of Special Permission No. 14-001 of the FCC in order to withdraw material filed under Transmittal No. 254 and suspended under Order DA-13-2349, released December 9, 2013, without its becoming effective and to restore currently effective material.

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Four AT&T Plaza, Dallas, Texas 75202

7. Special Access Service (Cont'd)7.11 High Capacity Service (Cont'd)7.11.5.2 DS1 Term Payment Plan (DS1 TPP) (Cont'd)(G) Termination Liability

Termination liability charges will apply in the following cases:

- (1) In the event service is terminated prior to the expiration of the minimum service period, charges, as specified in Section 5.2.5 (Minimum Period), will apply in addition to the termination liability charges identified in 7.11.5.2(G) (2) following.
- (2) In the event service is terminated prior to the end of the DS1 TPP term, a termination charge utilizing the following termination percentage will apply:

Termination Billing Period Percentage: 40%

The termination charge is calculated as follows:

(Monthly Recurring Rate) X (Months remaining in DS1 TPP term) X (Termination Billing Period Percentage)

Example: A customer with a \$500 monthly rate terminates service with 10 months remaining in a 3 year DS1 TPP term. The termination liability charge would be calculated as follows:

$$(\$500) \times (10) \times (.40) = \$2000$$

(N)

(N)

(This page filed under Transmittal No. 41)

Issued: May 2, 2003

Effective: May 17, 2003

Four AT&T Plaza, Dallas, Texas 75202

7. Special Access Service (Cont'd)7.11 High Capacity Service (Cont'd)7.11.5 Rates and Charges General Description (Cont'd)7.11.5.3 Rates and Charges¹

Effective November 1, 2017, all rate elements, other than End User channel terminations and their applicable optional features⁽³⁾ in Non-Competitive Counties, are no longer available from Section 7.11.5.3 for new service subscriptions.⁽²⁾ The application of rates and charges for Special Access services is based upon the county classification as Competitive or Non-Competitive, as provided in Section 7.2.2. A list of Competitive and Non-Competitive Counties is located in Sections 17.2(C) and (D).

	USOC	Monthly Rate	Nonrecurring Charges
(A) <u>Channel Termination</u> (Per Point of Termination)			
- 1.544 Mbps	TMECS	\$124.55	\$450.00
- 3.152 Mbps	TWT++	ICB	ICB
- 6.312 Mbps	TWT++	ICB	ICB
-44.736 Mbps (Month-to-Month*)	Z3MAC/Z3MAP	\$2,125.00	\$1,500.00
-44.736 Mbps (Monthly Extension)	Z3MAC/Z3MAP	\$2,125.00	\$1,500.00
-44.736 Mbps (1 Year Plan)	Z3MAC/Z3MAP/Z31A+	\$1,450.00	\$1,000.00
-44.736 Mbps (3 Year Plan)	Z3MAC/Z3MAP/Z33A+	\$900.00	\$1,000.00
-44.736 Mbps (5 Year Plan) ⁽¹⁾	Z3MAC/Z3MAP/Z35A+	\$800.00	\$1,000.00
-274.176 Mbps	TWT++	ICB	ICB
(B) <u>Channel Mileage</u> ²			
(1) <u>Channel Mileage Facility</u> (Per Mile)			
- 1.544 Mbps	1L5XX/CMF	\$9.00	
- 3.152 Mbps	CMF	ICB	
- 6.312 Mbps	CMF	ICB	
-44.736 Mbps (Month-to-Month*)	1L5XX/CMF	\$39.00	
-44.736 Mbps (Monthly Extension)	1L5XX/CMF	\$39.00	
-44.736 Mbps (1 Year Plan)	1L5XX/CMF	\$38.00	
-44.736 Mbps (3 Year Plan)	1L5XX/CMF	\$36.50	
-44.736 Mbps (5 Year Plan) ⁽¹⁾	1L5XX/CMF	\$34.00	
-274.176 Mbps	CMF	ICB	
(2) <u>Channel Mileage Termination</u> (Per Termination)			
- 1.544 Mbps	1L5XX/CMT	\$52.50	
- 3.152 Mbps	CMT	ICB	
- 6.312 Mbps	CMT	ICB	
-44.736 Mbps (Month-to-Month*)	1L5XX/CMT	\$347.50	
-44.736 Mbps (Monthly Extension)	1L5XX/CMT	\$347.50	
-44.736 Mbps (1 Year Plan)	1L5XX/CMT	\$342.50	
-44.736 Mbps (3 Year Plan)	1L5XX/CMT	\$337.50	
-44.736 Mbps (5 Year Plan) ⁽¹⁾	1L5XX/CMT	\$332.50	
-274.176 Mbps	CMT	ICB	

Note 1: ICB rates and charges are filed in 7.12 following.

Note 2: When the customer orders High Capacity Service as described in 7.11 and 7.11.5.2, preceding, the Channel Mileage Facility must be ordered in conjunction with an associated Channel Termination as described in 7.2.1(A), preceding.

* This option will no longer be available for new circuits provisioned on or after, November 21, 2003. There will be no change to existing circuits.

⁽¹⁾ Effective on September 13, 2017, DS3 High Capacity Service 5-year Payment Plans are no longer available, including for any otherwise available renewals, extensions or conversions. Circuits already subject to a DS3 High Capacity Service 5-year Payment Plan, as of September 13, 2017, will continue to be provided under the then-current DS3 High Capacity Service 5-year Payment Plan term for the remainder of that term.

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

⁽³⁾ Optional features for End User channel terminations includes all optional features in Section 7, except for the Transfer Arrangement.

(This page filed under Transmittal No. 304)

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

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

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

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

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

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

(N)

(N)

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Effective: September 13, 2017

675 W. Peachtree St. NW, Atlanta, GA 30308

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

	Monthly USOC	Rate	Nonrecurring Rate
(C) <u>Optional Features and Functions</u> (Cont'd)			
(2) Multiplexer Cross-Connect - per cross-connect, per central office	1L5TC	\$10.00	\$80.00
(3) Transfer Arrangement (dial-up*) - per four port arrangement including control channel termination**	USV	ICB	

(D) <u>DS1/DS3 Rollover</u>	USOC	Nonrecurring Charge
-per DS1 Channel Termination	NRBR1/NRBRH/SVR***	\$450.00
-per DS3 Channel Termination	NRBR3/SVR	900.00

(E) Collocation Transport

	USOC	Monthly Rate		Nonrecurring Charges	
		Fixed	Per Mile	1st Ckt.	Addl Ckt.
1.544 Mbps	(1H48S)	\$52.50	\$9.00	\$300.00	\$300.00
44.736 Mbps	(1H48S)				
Month-to-Month ⁽¹⁾		\$347.35	\$39.00	\$1,500.00	\$1,500.00
Monthly Extension		\$347.35	\$39.00		
1 Year Plan		\$342.50	\$38.00	\$1,000.00	\$1,000.00
3 Year Plan		\$337.50	\$36.50	\$1,000.00	\$1,000.00
5 Year Plan ⁽²⁾		\$332.50	\$34.00	\$1,000.00	\$1,000.00 (N)

* The Dial-Up option requires the customer to purchase the Controller Arrangement from 13.3.7, following.

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

*** NRBR1 and NRBRH are used in CABS. SVR is used in CRIS billing system.

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

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

(N)
|
(N)

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.11 High Capacity Service7.11.5 Rates and Charges General Description (Cont'd)7.11.5.3 Rates and Charges (Cont'd)(F) DS1 Term Payment PlanRates and Charges for the DS1 Term Payment Plan ⁽¹⁾ (N)

(1) Channel Termination

- Per Point of Termination

USOC	1 Year	2 Year	3 Year	5 Year	7 Year
TMECS	\$122.50	\$120.00	\$115.00	\$ 105.00	\$100.00

(2) Channel Mileage

- Channel Mileage Termination (per termination)

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

- Channel Mileage Facility (per mile)

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

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

-Per arrangement

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

(4) Collocation Transport

-Channel Mileage

- Fixed

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

- Per Mile

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

(5) Nonrecurring Charges-One Time Charges

- Per point of channel termination

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

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

⁽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- and 7-year Payment Plan term for the remainder of that term.

(N)
|
(N)

(This page filed under Transmittal No. 302)

7. Special Access Service (Cont'd)7.12 Fractional DS1 Service⁽¹⁾

(N)

(A) Basic Channel Description

A Fractional DS1 channel provides for the digital transmission of nominal 128, 256, 384, 512, 768 kbps, serial data. The actual bit rate is a function of the channel interface selected by the customer. Fractional DS1 channels are provided for two-point service between customer designated premises or between a customer designated premises and a Telephone Company Digital Hub. Rates for Fractional DS1 Service can be found in Section 7.12.1.

When a single Fractional DS1 channel is ordered to be terminated at a customer's designated POP, which requires a minimum digital interface level at 1.544 Mbps, the Telephone Company will provide the required interface where facilities are available.

Fractional DS1 service is offered only where equipment and facilities are available. Fractional DS1 service is provisioned from specific wire centers which are listed in the National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4. (T)
Availability is not restricted to customers serviced by the wire centers listed in Tariff F.C.C. No. 4, but the service must be (T)
routed through the designated offices in Tariff F.C.C. No. 4. (T)
Mileage, as defined in Section 7.2.5 (Mileage Measurement) will (T)
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 Fractional DS1 channel at the customer premises.

Rates and charges for Fractional DS1 Service can be found in Section 7.12.1. (D)

⁽¹⁾ Effective October 27, 2016, Fractional DS1 Service is 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. (N)
(N)

(This page filed under Transmittal No. 297)

7. Special Access Service (Cont'd)7.12 Fractional DS1 Service⁽¹⁾ (Cont'd)

(N)

(B) Technical Specifications Packages

Technical Specifications Package HC1 will apply for all speeds of Fractional DS1 Service.

A Fractional DS1 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 Technical Reference for High Capacity Service.

(C) Channel Interfaces (CI)

The following channel interfaces define the bit rates that are available for a Fractional DS1 channel:

CI	Bit Rate
DS-1S128,	256, 384, 512, 768 kbps

(D) Termination Liability for Fractional DS1 Services Purchased Under a Three or Five Year Term

Termination liability charges will apply in the following cases:

- (1) In the event service is terminated prior to the expiration of the minimum service period, charges, specified in Section 5.2.5, will apply in addition to the termination liability charges identified in Section 7.12(D)(2). (D) (T)

- (2) In the event service is terminated prior to the end of the Fractional DS1 term, a termination charge utilizing the following termination percentage will apply:

Termination Billing Period Percentage: 40%

The termination charge is calculated as follows:

(Monthly Recurring Rate) X (Months remaining in term) X
(Termination Billing Period Percentage)

Example: A customer with a \$500 monthly rate terminates service with 10 months remaining in a 3 year Fractional DS1 term. The termination liability charge would be calculated as follows:

$(\$500) \times (10) \times (.40) = \2000

⁽¹⁾ Effective October 27, 2016, Fractional DS1 Service is 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. (N) (N)

(This page filed under Transmittal No. 297)

7. Special Access Service (Cont'd)7.12 Fractional DS1 Service⁽¹⁾ (Cont'd)7.12.1 Rates and Charges - 128, 256, 384, 512, and 768 Kbps

Effective November 1, 2017, the application of rates and charges for Special Access services is based upon the county classification as Competitive or Non-Competitive, as provided in Section 7.2.2. A list of Competitive and Non-Competitive Counties is located in Sections 17.2(C) and (D).

(N)
|
(N)

(A) Channel Termination

- Per Point of Termination TMECS

	Recurring Charges	Nonrecurring Charges	
		1st CKT	Addl CKT
MTM	\$125.00	\$900.00	\$900.00
3 Year	\$115.00	\$900.00	\$900.00
5 Year	\$105.00	\$900.00	\$900.00

(B) Channel Mileage
- Fixed

USOC	MTM	3 Year	5 Year
1L5XX	\$50.00	\$35.00	\$30.00

Channel Mileage
- Per Mile

USOC	MTM	3 Year	5 Year
1L5XX	\$9.00	\$8.25	\$8.00

⁽¹⁾ Effective October 27, 2016, Fractional DS1 Service is 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.

(This page filed under Transmittal No. 304)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.13⁽¹⁾

(D)

⁽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.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.13⁽¹⁾

(D)

⁽¹⁾ See footnote (1) on page 7-86.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.13⁽¹⁾

(D)

⁽¹⁾ See footnote (1) on page 7-86.

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7. Special Access Service (Cont'd)

7.13⁽¹⁾

(D)

⁽¹⁾ See footnote (1) on page 7-86.

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7. Special Access Service (Cont'd)

7.13⁽¹⁾

(D)

⁽¹⁾ See footnote (1) on page 7-86.

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7. Special Access Service (Cont'd)

7.13⁽¹⁾

(D)

⁽¹⁾ See footnote (1) on page 7-86.

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Four AT&T Plaza, Dallas, Texas 75202

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.13⁽¹⁾

(D)

⁽¹⁾ See footnote (1) on page 7-86.

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7. Special Access Service (Cont'd)

7.14 Individual Case Filings

Rates and charges for Special Access Service provided on an individual case basis are filed following:

(M)

(T)

(M)

(M)

Certain material appearing on this page previously appeared on Original Page 7-85.

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