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28.1 High Capacity

Network Components provide Special Access Service to customers by individual rate elements.

Except as noted in Section 28.1.2(A) (Rate Regulations) following, all rules, regulations, terms and conditions set forth in Sections 2 (General Regulations), 5 (Ordering for Access Services), 7 (Special Access Service) and 13 (Additional Engineering, Additional Labor and Miscellaneous Services) apply to the following Network Component rate elements.

28.1.1 General

High Capacity Service as described in Section $7.3.10\,(\text{A})$ (Basic Channel Description) is applicable under Network Components.

Central Office Multiplexing, Clear Channel Capability, Extended Superframe and Automatic Loop Transfer, as described in Section 7.3.10(E) (Optional Features and Functions), are available with Network Components. These rate elements must be ordered in conjunction with either a SWBT-provided channel termination ordered from Section 28.1.3(A) (Rates and Charges), or an Interconnection Cross Connect ordered from Section 25 (Expanded Interconnection).

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28.1 High Capacity (Cont'd)

28.1.2 Rate Regulations

This section contains the exceptions that apply to the rate regulations contained in Section 7.2 (Rate Regulations) for High Capacity Service.

(A) Shared Use

Shared Use as defined in Section 6.6.12 (Shared Use) and Section 7.2.10 (Shared Use Analog and Digital High Capacity Services) is available for High Capacity Network Components.

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28.1 High Capacity (Cont'd)

28.1.3 Rates and Charges

Each rate element is shown with its associated USOC, where available.

		Monthly <u>Fixed</u>	Rate Per Mile	No	nrecurring Charge
(A)	Channel Termination				
	Per point of termination				
	1.544 Mbps (T7TGX)	\$ 207.00		\$	
	44.736 Mbps (XXXXX)	ICB			600.00 {1} ICB
(B)	Channel Mileage {1}				
	1.544 Mbps Mileage Bands (1A5MS) {2	}			
Over	0 Miles 0 miles	0.00 71.00	0.00 45.00		408.00 408.00
	44.736 Mbps Mileage Bands (XXXXX)				
	0 miles Over miles	0.00 ICB	0.00 ICB		ICB ICB

This nonrecurring charge applies only if a channel termination or channel mileage is ordered separately from the other.

^{2} Nonrecurring charge USOC (NRBML).

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28.1 High Capacity (Cont'd)

28.1.3 Rates and Charges (Cont'd)

		Monthly Rate	Nonrecurr <u>Initial</u>	ing Charge Subsequent
(C)	Clear Channel Capability {1} (CCO3X)	\$30.00	\$108.00	\$170.00
(D)	<pre>Extended Superframe Format {1} (SF13X)</pre>	0.00	0.00	0.00
(E)	Automatic Loop Transfer {1} (T593X)			
	Per arrangement	866.79	0.00	0.00
(F)	Multiplexing {1}			
	Per arrangement			
	DSO to Subrates			
	Up to 20 2.4 kbps service (MXN2U)	185.58	0.00	0.00
	Up to 10 4.8 kbps service (MXN4U)	361.52	0.00	0.00
	Up to 5 9.6 kbps service (MXN9U)	702.74	0.00	0.00

Must be ordered in conjunction with either a SWBT-provided Channel Termination from Section 28.1.3 (Rates and Charges) or an Interconnection Cross Connect from Section 25 (Expanded Interconnection).

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28.1 High Capacity (Cont'd)

28.1.3 Rates and Charges (Cont'd)

		Monthly Rate	Nonrecurr Initial	ing Charge Subsequent
(F)	<pre>Multiplexing {1} (Cont'd)</pre>			
	Per arrangement			
	DS1 to DSO (MXNOU)	\$232.80	\$0.00	\$0.00
	DS1 to Voice (MXNVU)	232.80	0.00	0.00
	DS3 to DS1 (XXXXX)	ICB	0.00	0.00

Must be ordered in conjunction with either a SWBT-provided Channel Termination from Section 28.1.3 (Rates and Charges) or an Interconnection Cross Connect from Section 25 (Expanded Interconnection).

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28.2 Metallic

28.2.1 General

Metallic Service as described in Section $7.3.2\,(A)$ (Basic Channel Description) is applicable under Network Components.

Central Office Bridging Capability, as described in Section 7.3.2(D) (Optional Features and Functions), is available with Metallic Network Components. This rate element must be ordered in conjunction with a SWBT-provided Channel Termination ordered from Section 28.2.2 (Rates and Charges) or an Interconnection Cross Connect ordered from Section 25 (Expanded Interconnection).

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28.2 Metallic (Cont'd)

28.2.2 Rates and Charges

Each rate element is shown with its associated USOC, where available.

		Monthly <u>Fixed</u>	Rate Per Mile	Nonrecurring Charge
(A)	Channel Termination (T6ECS)			
	Per point of termination	\$ 17.91		\$ 75.80 70.51 {1}
	(1) Inside Wire Charge (WMJ)			70.31 (1)
	-per channel termination	5.18		0.00
(B)	<pre>Channel Mileage {1} (IL5XX)</pre>			
	0 miles Over 0 miles	0.00	0.00 \$14.57	0.00 148.00
(C)	Series Bridging {2} (BCNMS)			
	Per port	4.92		0.00
(D)	Three Premises Bridging (BCNM3) {2}			
	Per port	4.92		0.00

This nonrecurring charge applies only when a channel termination or channel mileage is ordered separately from the other.

Must be ordered in conjunction with either a SWBT-provided Channel Termination from Section 28.2.2 (Rates and Charges) or an Interconnection Cross Connect from Section 25 (Expanded Interconnection).

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28.3 <u>Telegraph</u>

28.3.1 General

Telegraph Service as described in Section 7.3.3(A) (Basic Channel Description) is applicable under Network Components.

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28.3 **Telegraph** (Cont'd)

28.3.2 Rates and Charges

Each rate element is shown with its associated USOC, where available.

		Monthly <u>Fixed</u>	Rate Per Mile	Nonrecurring Charge
(A)	Channel Termination			
	Per point of termination			
	Two-wire (T6E2X)	\$ 24.22		\$ 75.80 70.51 {1}
	Four-wire (T6E4X)	44.71		75.80
				70.51 {1}
(B)	<pre>Channel Mileage {1} (IL5XX)</pre>			
	0 miles	0.00	0.00	0.00
	Over 0 to 4	16.97	3.56	197.00
	Over 4 to 8	16.97	3.56	197.00
	Over 8 to 25	19.46	3.24	197.00
	Over 25 to 50	34.20	2.66	197.00
	Over 50	34.20	2.66	197.00

This nonrecurring charge applies only when a channel termination or channel mileage is ordered separately from the other.

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28.4 Voice Grade

28.4.1 General

Voice Grade Service as described in Section $7.3.4\,(\text{A})$ (Basic Channel Description) is applicable under Network Components.

Central Office Bridging Capability, Conditioning, Data Capability, Improved Return Loss, Improved Termination and Signaling Capability, as described in Section 7.3.4(F) (Optional Features and Functions), are available with Voice Grade Network Components. These rate elements must be ordered in conjunction with a SWBT-provided Channel Termination ordered from Section 28.4.2 (Rates and Charges) or an Interconnection Cross Connect ordered from Section 25 (Expanded Interconnection) Interconnection).

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28.4 Voice Grade (Cont'd)

28.4.2 Rates and Charges

Each rate element is shown with its associated USOC, where available.

			Monthly Rate Fixed Per Mile	Nonrecurring Charge
	(A)	Channel Termination		
		Per point of termination		
(1)		Two-wire (T6E2X)	\$ 25.84	\$ 78.05 72.60
<pre>{1}</pre>		Four-wire (T6E4X)	44.68	78.05 72.60
		(1) Inside Wire Charge (WMJ) Per channel Termination	5.18	0.00
		WATS Access Line Termination	5.10	0.00
		-Applicable to non-Joint provided intrastate interLATA only WATS and 800	40.50	0.00
		Digital WAL {2} (T6EDX)	0.00	0.00

This nonrecurring charge applies only when a channel termination or channel mileage is ordered separately from the other.

^{2} Additive available in conjunction with customer ordered Digital High Capacity facility in 28.1 (High Capacity Service).

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28.4 Voice Grade (Cont'd)

28.4.2 Rates and Charges (Cont'd)

		Monthly <u>Fixed</u>		Nonrecurring Charge
(B)	<pre>Channel Mileage {1} (1L5XX)</pre>			
	<pre>0 miles Over 0 to 4 Over 4 to 8 Over 8 to 25 Over 25 to 50 Over 50</pre>	\$ 0.00 15.56 15.56 17.84 31.34	\$ 0.00 3.26 3.26 2.98 2.44 2.44	\$ 0.00 202.00 202.00 202.00 202.00 202.00
(C)	<pre>Data Bridging {2} Per port</pre>			
	Two-wire (BCND2) Four-wire (BCND4)	4.51 4.51		0.00

^{1} This nonrecurring charge applies only when a channel termination or channel mileage is ordered separately from the other.

Must be ordered in conjunction with either a SWBT-provided Channel Termination from Section 28.4.2 (Rates and Charges) or an Interconnection Cross Connect from Section 25 (Expanded Interconnection).

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28.4 <u>Voice Grade</u> (Cont'd)

28.4.2 Rates and Charges (Cont'd)

Monthly Rate Nonrecurring
Fixed Per Mile Charge

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(D) (Reserved for Future Use)

 $\begin{array}{ccc} \text{(E)} & \underline{\text{Telemetry and Alarm}} \\ & \underline{\text{Bridging } \{1\}} \end{array}$

Active Bridging Channel Connections

Split Band, per channel connected (CNLRX)

0.71

Must be ordered in conjunction with either a SWBT-provided Channel Termination from Section 28.4.2 (Rates and Charges) or an Interconnection Cross Connect from Section 25 (Expanded Interconnection).

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28.4 Voice Grade (Cont'd)

28.4.2 Rates and Charges (Cont'd)

		Monthly Rate Fixed Per Mile	Nonrecurring <u>Charge</u>
(F)	Voice Bridging {1}		
	Per port		
	Two-wire (BCNV2) Four-wire (BCNV4)	\$ 4.51 4.51	\$ 0.00 0.00
(G)	Conditioning {1}		
	Improved Attenuation Distortion (IAD)		
	Per WAL point of termination (ORA)	0.00	0.00
(H)	Data Capability {1}		
	Per point of termination (XDCPT)	4.47	234.00

^{1} Must be ordered in conjunction with either a SWBT-provided Channel Termination from Section 28.4.2 (Rates and Charges) or an Interconnection Cross Connect from Section 25 (Expanded Interconnection).

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28.4 <u>Voice Grade</u> (Cont'd)

28.4.2 Rates and Charges (Cont'd)

		Monthly <u>Fixed</u>		curring large
(I)	<pre>Improved Return Loss {1}</pre>			
	Per two-wire point of termination (1RL2W)	\$ 3.20	\$	0.00
(J)	<pre>Improved Termination {1}</pre>			
	Per four-wire point of termination (1RL4W)	3.20		0.00
(K)	Signaling Capability {1}			
	Per point of termination (XSS**) {2}	15.25		0.00

- {1} Must be ordered in conjunction with either a SWBT-provided Channel Termination from Section 28.4.2 (Rates and Charges) or an Interconnection Cross Connect from Section 25 (Expanded Interconnection).
- {2} 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

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28.5 Reserved for Future Use

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28.5 Reserved for Future Use (cont'd)

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28.5 Reserved for Future Use (cont'd)

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28.6 Wideband Analog

28.6.1 General

Wideband Analog Service as described in Section 7.3.7(A) (Basic Channel Description) is applicable under Network Components.

Central Office Multiplexing, as described in Section 7.3.7(D) (Optional Features and Functions), is available with Wideband Analog Network Components. This rate element must be ordered with a SWBT-provided Channel Termination ordered from Section 28.6.3 (Rates and Charges) or an Interconnection Cross Connect ordered from Section 25 (Expanded Interconnection).

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28.6 <u>Wideband Analog</u> (Cont'd)

28.6.2 Rate Regulations

This section contains the exceptions that apply to the rate regulations contained in Section 7.2 (Rate Regulations) for Wideband Analog Service.

(A) Shared Use

Shared use as defined in Section 7.2.10 (Shared Use Analog and Digital High Capacity Services) is not applicable to Wideband Analog Network components.

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28.6 Wideband Analog (Cont'd)

28.6.3 Rates and Charges

Each rate element is shown with its associated USOC, where available.

		F	Monthly ixed	e <u>Mile</u>	Nor	nrecurring Charge
(A)	<pre>Channel Termination (TWT++)</pre>					
	Per point of termination					
	60 kHz to 108 kHz	I	CB			ICB
	312 kHz to 552 kHz	I	CB			ICB
	564 kHz to 3084 kHz	I	CB			ICB
	300 kHz to 19 kHz	I	CB			ICB
	29 kHz to 44 kHz	I	CB			ICB
(B)	Channel Mileage {1}					
	60 kHz to 108 kHz 312 kHz to 552 kHz 564 kHz to 3084 kHz 300 kHz to 18 kHz 39 kHz to 44 kHz					
	0 miles Over 0 miles	\$	0.00 ICB	\$ 0.00 ICB		\$ 0.00 ICB

The nonrecurring charges do not apply if an associated SWBT-provided Channel Termination is ordered on the same Access Service Request on at least one end of the Channel Mileage.

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28.6 Wideband Analog (Cont'd)

28.6.3 Rates and Charges (Cont'd)

		Monthly <u>Fixed</u>	Rate Per Mile	ecurring <u>harge</u>
(C)	Multiplexing {1}			
	Mastergroup to Supergroup (MQ9++)	ICB		\$ 0.00
	Supergroup to Group (MQS++)	ICB		0.00
	Group to Voice (MQV++)	ICB		0.00
	Group to DS1 {2} (MQG++)	ICB		0.00

- Must be ordered in conjunction with either a SWBT-provided Channel Termination from Section 28.6.3 (Rates and Charges) or an Interconnection Cross Connect from Section 25 (Expanded Interconnection).
- Requires two 60-108 kHz Channel Terminations, and Channel Mileage, on 1.544 Mbps Channel Mileage and either a 1.544 Channel Termination or a DS1 to Voice multiplexing optional feature, depending on whether the service terminates at the customer's premises or was purchased as a facility, to a SWBT hub for multiplexing to Voice Grade.

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28.7 Wideband Data

28.7.1 General

Wideband Data Service as described in Section $7.3.8\,(A)$ (Basic Channel Description) is applicable under Network Components.

Key Activated Transfer Arrangement, as described in Section 7.3.8(D) (Optional Features and Functions), is available with Wideband Data Network Components. This rate element must be ordered with SWBT-provided Channel Termination ordered from Section 28.7.2 (Rates and Charges) or an Interconnection Cross Connect ordered from Section 25 (Expanded Interconnection).

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28.7 Wideband Data (Cont'd)

28.7.2 Rates and Charges

Each rate element is shown with it's associated USOC, where available.

		Monthly <u>Fixed</u>		Nonrecurring Charge
(A)	<pre>Channel Termination (TWT++)</pre>			
	19.2 or 18.75 kbps 50.0 or 40.8 kbps 230.4 kbps	ICB ICB ICB		ICB ICB ICB
(B)	<pre>Channel Mileage {1} (ILO++)</pre>			
	19.2 or 18.75 kbps 50.0 or 40.8 kbps 230.4 kbps			
	0 miles Over 0 mile	\$ 0.00 ICB	\$ 0.00 ICB	\$ 0.00 ICB

The nonrecurring charge does not apply if an associated SWBT-provided Channel Termination is ordered on the same Access Service Request on at least one end of the Channel Mileage.

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28.7 Wideband Data (Cont'd)

28.7.2 Rates and Charges

		Monthly <u>Fixed</u>	Rate Per Mile	Nonrecurring Charge
(C)	<pre>Key Activated Transfer {1 Arrangement (UTK++)</pre>	}		
	Per four port arrangement including control channel termination {2}	ICB	ICB	
(D)	303 Data Station {1} (TDQ++)			
	Per point of Termination, where provided	ICB	ICB	

- Must be ordered in conjunction with either a SWBT-provided Channel {1} Termination from Section 28.7.2 (Rates and Charges) or an Interconnection Cross Connect from Section 25 (Expanded Interconnection).
- The key activated control channel is rated as a Metallic Channel {2} Termination (use USOC T6EME in lieu of T6ECS) and Channel Mileage, if applicable (use USOC 1L5MX in lieu of 1L5XX).

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28.8 Digital Link

28.8.1 General

Digital Link as described in Section 7.3.9(A) (Basic Channel Description) is applicable under Network Components.

Bridging and Secondary Channel Capability as described in Section 7.3.11(D) (Optional Features and Functions), is available with Wideband Data Network Components. This rate element must be ordered with and SWBT-provided Channel Termination ordered from Section 28.7.2 (Rates and Charges) or an Interconnection Cross Connect ordered from Section 25 (Expanded Interconnection).

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28.8 Digital Link (Cont'd)

28.8.2 Rates and Charges

Each rate element is shown with its associated USOC, where available.

		Monthly Rate Fixed Per Mile	Nonrecurring Charge
(A)	Channel Termination (T6ECS)	<u>on</u>	
	Per point of term:	ination	
	2.4 kbps DL1	\$ 85.39	\$ 148.00
	4.8 kbps DL2	80.59	137.67 {1} 148.00
	9.6 kbps DL3	81.63	137.67 {1} 148.00
	56 kbps DL4	138.19	137.67 {1} 224.00 208.37 {1}
	4.8 kbps DL7 {2}	For rates -refer to to Digital Link Service Service Tariff-Section 2 MegaLink 1	200107 (1)
	(1) Inside Wire Charge		
	Per channel Termination	(WMJ) 5.18	None

This nonrecurring charge applies only when a channel termination or {1} channel mileage is ordered separately from the other.

Inside wire charges are not applicable on DL6-9. {2}

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28. Digital Link (Cont'd)

28.8.2 Rates and Charges (Cont'd)

		Monthly Rate Fixed Per Mile				Nonrecurring <u>Charge</u>		
(B)	<pre>Channel Mileage {1} (1L5XX)</pre>							
	2.4 kbps (DL1)							
	Mileage Bands 0 miles Over 0 to 4 Over 4 to 8 Over 8 to 25 Over 25 to 50 Over 50	\$	0.00 69.50 75.79 82.07 91.87 97.84	\$	0.00 3.13 1.57 0.79 0.39 0.27	\$	0.00 200.00 200.00 200.00 200.00 200.00	
	4.8 kpbs (DL2)							
	Mileage Bands							
	<pre>0 miles Over 0 to 4 Over 4 to 8 Over 8 to 25 Over 25 to 50 Over 50</pre>	\$	0.00 69.37 69.37 74.79 77.81	\$	0.00 1.81 1.81 1.13 1.02	\$	0.00 200.00 200.00 200.00 200.00 200.00	
	9.6 kbps (DL3)							
	Mileage Bands							
	<pre>0 miles Over 0 to 4 Over 4 to 8 Over 8 to 25 Over 25 to 50 Over 50</pre>		0.00 101.37 101.37 112.01 119.37	\$	0.00 2.86 2.86 1.53 1.22	\$	0.00 200.00 200.00 200.00 200.00 200.00	

^{1} The nonrecurring charge does not apply if an associated SWBT-provided Channel Termination is ordered on the same Access Service Request on at least one end of the Channel Mileage.

This filing is made, under protest, in compliance with PUC Subst. R. '23.92, effective November 28, 1994.

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28. <u>Digital Link</u> (Cont'd)

28.8.2 Rates and Charges (Cont'd)

Nonrecurring		Monthly		
		<u>Fixed</u>	Per Mile	Charge
(B)	Channel Mileage {1}	(Cont'd)		
	56 kbps (DL4)			
	Mileage Bands 0 miles Over 0 to 4 Over 4 to 8 Over 8 to 25 Over 25 to 50 Over 50	\$ 0.00 164.91 173.32 194.43 194.43 194.43	\$ 0.00 7.38 5.27 2.65 2.65	200.00 200.00 200.00 200.00
	2.4 kpbs (DL6)			
	End-User or IC's For ratesWire Center to to Digital L standard-Digital Service Tari Serving Hub MegaLink Dig -Hub to Hub		Service ection 2	
	4.8 kbps (DL7)			
	End-User or IC's -Wire Center to standard-Digital Serving Hub -Hub to Hub	For rates -refe to Digital Link Service Tariff-Se MegaLink Digital	Service ection 2	
	9.6 kbps (DL8)			
	End-User or IC's -Wire Center to standard-Digital Serving Hub -Hub to Hub	For rates -refe to Digital Link Service Tariff-So MegaLink Digital	Service ection 2	

This nonrecurring charge applies only when a channel termination or channel mileage is ordered separately from the other.

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28.8 Voice Grade (Cont'd)

28.8.2 Rates and Charges (Cont'd)

Namana			Month	Rate	
nonrec	ecurring		Fixed	Per Mile	Charge
(B)	Channel Mileage {1}	(Cont'd	l)		
	56 kbps (DL9)				
	End-User or IC's -Wire Center to standard-Digital Serving Hub -Hub to Hub	to Digit Service	Tariff-	fer to Service Section 2 al Service	
(C)	Bridging (BCNDA) {2	2 }			
	Per port MegaLink I	\$	18.00		\$ 0.00
(D)	Secondary Channel Capability (SCA) {2	2}			
	Per channel termination				
	For all speeds		9.89		112.00

^{1}

This nonrecurring charge applies only when a channel termination or channel mileage is ordered separately from the other.

Must be ordered in conjunction with either a SWBT-provided Channel Termination from Section 28.4.2 (Rates and Charges) or an Interconnection Cross Connect from Section 25 (Expanded Interconnection) {2} Interconnection).

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METROPOLITAN STATISTICAL AREA ACCESS SERVICES

This section concurs with Southwestern Bell Telephone Company, LLC's (SWBT's)
Tariff FCC No. 1, Section 39, for the Switched Access Services addressed in
the sections of SWBT's Federal Tariff listed below:

(T)
(C)

- 39.5.1 Rates and Charges
- 39.5.3 (1) Switched Access Service Order Charge
- 39.6.2 Wire Center Information

These sections can be accessed via the following hypertext link to AT&T Texas' commercial website:

http://cpr.att.com/pdf/fcc-swbt/1039.pdf

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CARRIERS AND SERVICE MARKS

CONCURRING CARRIERS
NO CONCURRING CARRIERS

CONNECTING CARRIERS

NO CONNECTING CARRIERS

OTHER PARTICIPATING CARRIERS

NO OTHER PARTICIPATING CARRIERS

TRADEMARKS and SERVICE MARKS

DovLink sm

MicroLink II[®] Service MegaLink[®]

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REFERENCE TO OTHER TARIFFS

Whenever reference is made in this tariff to other tariffs of SWBT, the reference is to the tariffs in force as of the effective date of this tariff, and to amendments thereto and successive issues thereof.

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EXPLANATION OF SYMBOLS

Indicates a Change in Regulations

- (D) Indicates Discontinued Rate or Regulation
- (E) Indicates Correction of an Error Made During a Revision
- (I) Indicates a Rate Increase
- Indicates a Move of Text but no Change in Text, Rate or (M) Regulation

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- (N) Indicates a New Rate or Regulation
- (R) Indicates a Rate Reduction
- (T) Indicates a Change in Text but no Change in Rate or Regulation

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EXPLANATION OF ABBREVIATIONS

ABS Alternate Billing Services Alternating Current Advanced Carrier Identification Service ac ACIS AML Actual Measured Loss ANI Automatic Number Identification AΡ Program Audio American Telephone and Telegraph Company
Billing Account Number
Busy Hour Minutes of Capacity
Billed Number Screening
Customer Carrier Name Abbreviation
Common Channel Signaling
Channel Interface AT&T BAN BHMC BNS CCNA CCS CI Customer Circuit Identification Channel Mileage Customer Network Control Center Central Office Continued CKR CM CNCC CO Customer Provided Equipment Customer Signaling Point Code Channel Termination Cont'd CPE CSPC CT Directory Assistance decibel direct current Digital Cross-Connect Systems DA dB DCS Economical Hundred Call Seconds
Exchange Company Signaling Point Code
Envelope Delay Distortion
Equal Level Echo Path Loss
Expected Measured Loss
Echo Path Loss
Echo Return Loss
Electronic Switching System
frequency
Field Identifier
Federal Communications Commission **ECCS ECSPC** EDD ELEPL EMLEPL ERL ESS FID Federal Communications Commission Foreign Exchange High Capacity F.C.C. FΧ HС High Capacity
Hertz
Intrastate Customer
Improved Attenuation Distortion
Initial Address Message
Individual Case Basis
Inserted Connection Loss
kilobits per second
kilohertz
Local Access and Transport Area
Line Information Data Base
Link Type
milliamperes
Multiple Exchange Carrier Access Hz IC IAD IAM ICB ICL kbps kΗz LATA LIDB T.T Ма Multiple Exchange Carrier Access Billing
Multiple Exchange Carrier Ordering and Design
Megabits per second
Message Telecommunications Service
Message Telecommunications Service-type
National Communications System **MECAB** MECOD Mbps MTS MTS-type NCS Numbering Plan Area NPA

Network Reconfiguration Service

NRS

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EXPLANATION OF ABBREVIATIONS (Cont'd)

National Security Emergency Preparedness Three-Digit Central Office Code Originating Point Code NSEP Three-Digit Central Office Code
Originating Point Code
Operator Service System
Private Branch Exchange
Percent Direct Routed
Priority Installation
Personal Identification Number
Point of Termination
Priority Restoration
Remote Switching Modules
Remote Switching Systems
Service Control Point
Signaling Link
Signaling Link
Signaling Link Code
Synchronous Optical Network
Signaling Point
Signaling Transfer Point
Serving Wire Center
Transmission Level Point
Telecommunications Service Priority
Traffic Service Position System
Uniform Service Order Code
Voice Grade
Vertical & Horizontal
Wideband Analog
WATS Access Line
Wide Area Telecommunications Service-type
Wideband Digital NXX OPC OSS PBX PDR PΙ PTN POT PR RSM RSS SCP SL SLC SONET SP SS7 STP SWC TLP TSP TSPS USOC VG V & H WA WAL WATS WATS-type WD

President - Texas ACCESS SERVICE TARIFF AT&T Texas Section: User Guide

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REFERENCE TO TECHNICAL PUBLICATIONS

The following publications are referenced in this tariff and may be obtained as set forth following.

Bell Communications Research Information Operations Center 60 New England Ave.
Piscataway, NJ 08865-4196
FR-NWT-000271

Issued: January, 1992 FR-NWT-000440

Issued: May, 1993 PUB 41004

Issued: October, 1973

PUB 62310

Issued: September, 1983

PUB 62411

Issued: September, 1983

PUB 62411 Addendum Issued: October, 1984

PUB 76625

Issued: June, 1990

PUB 76620

Issued: October, 1989

TA-OPT-001004

Issued: July, 1991

TA-TAP-001004

Issued: June, 1990

TR-INS-000342

Issued: February, 1991

TR-NPL-000175

Issued: July, 1985

TR-NPL-000246

Issued: June, 1987

TR-NPL-000258

Issued: October, 1985

TR-NPL-000336

Issued: October, 1987

TR-NPL-000337

Issued: July, 1987

TR-NPL-000339

Issued: October, 1987

TR-NPL-000340

Issued: October, 1987

TR-NPL-000341

Issued: March, 1989

TR-NWT-000246

Issued: December, 1992

TR-NWT-000334

Issued: September, 1990

Available: January, 1992

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Available: May, 1993

Available: October, 1973

Available: October, 1983

Available: October, 1983

Available: October, 1984

Available: July, 1990

Available: October, 1989

Available: July, 1991

Available: July, 1990

Available: March, 1991

Available: August, 1985

Available: June, 1987

Available: October, 1985

Available: November, 1987

Available: August, 1987

Available: November, 1987

Available: November, 1987

Available: April, 1989

Available: December, 1992

Available: October, 1990

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REFERENCE TO TECHNICAL PUBLICATIONS (Cont'd)

TR-NWT-000444

Issued: May, 1993 Available: May, 1993

TR-NWT-000499

Issued: April, 1992 Available: April, 1992

TR-NWT-000938

Issued: April, 1993 Available: April, 1993

TR-NWT-000954

Issued: November, 1992 Available: November, 1992

TR-TSV-000905

Issued: July, 1989 Available: July, 1989

TR-TSV-000962

Issued: September, 1990 Available: October, 1990

TR-TSY-000335

Issued: May, 1990 Available: July, 1990

TR-TSY-000366

Available: April, 1988 Issued: March, 1988

TR-TSY-000394

Issued: December, 1988 Available: December, 1988

TR-TSY-000440

Issued: December, 1988 Available: December, 1988

TR-TSY-000448

Issued: June, 1990 Available: June, 1990

Bell Communications Research District Manager-CABS Support
Raritan River Software Systems Center

RRC-1A257 (Room)
444 Hoes Lane

Piscataway, NJ 08854

MECAB

Issued: December, 1989 Available: December, 1989

MECOD:

Issued: November, 1989 Available: November, 1989

Bell System for Technical Education Room F214 $\,$

6200 Route 53 Lisle, IL 60532

PUB SR-EOP-000191, Trunking Traffic Engineering Concepts

and Applications
Issued: December, 1989 Available: January, 1990

National Exchange Carrier Association, Inc.

Group Manager - Tariff Administration
100 S. Jefferson Road
Whippany, NJ 07981
and the Federal Communications Commission's Commercial Contractor

PUB AS No. 1, Issue II Issued: May, 1984

Available: May, 1984

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REFERENCE TO TECHNICAL PUBLICATIONS (cont'd)

National Exchange Carrier Association, Inc. Manager-Member Services Suite 324 1001 Craig Road St. Louis, MO 63146

Tariff - FCC No. 4

Issued: Updated Monthly Available: Updated Monthly

Publishers Data Center P.O. Box C-738 Pratt Street Station Brooklyn, NY 11205

FR-NWT-000064 - LATA Switching System General Requirements Available: March, 1991

Southwestern Bell Telephone Company, LLC
Manager Information Release
1010 Market, Room 700
St. Louis, Missouri 63101.

PUB 76500

Issued: January, 1987 Available: March, 1987

Southwestern Bell Telephone Company, LLC
Attn: Manager-Interexchange Carrier Services
One Bell Center, Room 10-V-04
St. Louis, Missouri 63101-3099

End Office Profile

Issued: March 30, 1984 Available: March 30, 1984

Interexchange Customer Information Handbook

Issued: December 27, 1983 Available: December 27, 1983

Southwestern Bell Telephone Company, LLC (T)
Information Release Manager

1010 Market, Room 810 St. Louis, Missouri 63101:

PUB 76500

Issued: January, 1987 Available: March, 1987

PUB 76635

Issued: June, 1990 Available: September, 1990

TP-76638

Issued: October, 1991 Available: October, 1991

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REFERENCE TO TECHNICAL PUBLICATIONS (cont'd)

TP-76640

Issued: September, 1991 Available: September, 1991

PUB 76800, Microlink II X.25/X.75 Reference

Issued: January, 1990 Available: February, 1990

PUB 76810, MicroLink II Asynchronous Reference

Issued: January, 1990 Available: January, 1990

PUB 76820, MicroLink II Numbering Plan Guide

Issued: January, 1990 Available: January, 1990

New material filed under authority of Special Permission No. 92-654 of the F.C.C.

Southwestern Bell Telephone Company, LLC Attn: Area Manager Common Systems Engineering One Bell Center, Room 13-F-1 St. Louis, Missouri 63101:

Expanded Interconnection Technical Publication for Collocation with Southwestern Bell Telephone Company, LLC (T)

Issue 2 Available: June, 1994

Technical Publication for Expanded Interconnection

Issue 1 Available: September, 1994

President - Texas AT&T Texas Dallas, Texas Issued: May 9, 2024 Effective: May 10, 2024 ACCESS SERVICE TARIFF Section: User Guide Sheet: 9

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INTEREST RATE ORDER

The interest rate for deposits, overcharges and certain undercharges is as set forth in the order issued annually by the Public Utility Commission of Texas, which will be retained herein.