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REGULATIONS

6. Connections of Terminal Equipment and Communications Systems (Cont'd)

6.13 Connections of Customer-Provided Test Equipment {1} (Cont'd)

6.13.3 Institutional Procedures for Signal Power Control (Cont'd)

(B) (Cont'd)

(3) A charge equal to the Maintenance of Service Charge will apply when:

(a) It is necessary to send a repair person to the premises where the test equipment is connected because a condition as set forth in 6.13.3(B)(1), preceding, exists, and

(b) A failure to comply with the institutional procedures for signal power control is disclosed.

7. Method of Applying Rates

7.1 The method of applying rates for Series 600 {2} private line services is determined as set forth in Section 2, paragraph 2.5. The paragraphs in Section 2 where certain other services are set forth are as follows: special bridging service, 2.7; local area data service {2}, 2.8; and served direct service {2}, 2.10. (D)

7.2 The method of applying rates for interexchange and intraexchange private line service involving two-point and multipoint services for Series 100, Series 200, Series 300, and Series 400 is determined as follows:

7.2.1 Local Channel

(A) Two-point

A local channel charge shall apply for the first channel termination, per service, involved on a customer, authorized or joint user premises. Charges are based on the airline distance in quarter miles, or fraction thereof, between each customer or authorized user premises and the serving office. The following have only one local channel: 314B, 314C, 315, 316, 317A {2}{3} and 317B {2}{3}. When terminated in a Network Reconfiguration Service the following may have only one local channel: 420, 422, 423, 424, 425 and 435. (D)

(B) Multipoint

In addition to applicable private line service charges, a bridging charge per channel bridged, applies when three or more voice grade channels connect at the same location. Bridging charges do not apply to foreign exchange, foreign serving office and Types 315, 316, 317A and 317B. (D)

{1} The Interim Program for the Connection of Customer-Provided Test Equipment, unless sooner canceled or changed, will remain in effect until a permanent program is adopted by the FCC as a result of Part 68 Rulemaking in CC Docket No. 81-216, 85 F.C.C. 2d 868 (1981).

{2} Obsolete -- Applicable to existing installations at existing locations for existing customers.

{3} These revisions are effective June 14, 1996 pursuant to PURA Sec. 3.356 and SWBT's notification.

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**REGULATIONS**

**7. Method of Applying Rates** (Cont'd)

7.2 (Cont'd)

**7.2.2 Interoffice Channel**

(A) Two-Point

Intraexchange - When demarcation points of an intraLATA, intraexchange private line service are located in different serving office areas, interoffice mileage charges apply. Charges are based on the V & H distance between the serving offices.

Interexchange intraLATA - When a demarcation point of an interexchange intraLATA private line service is located in an area served by a serving office that is not also the primary serving office, interoffice mileage charges apply. Charges are based on the V & H distance between the primary serving office and the serving office.

(B) Multipoint

Each channel connecting primary serving offices with serving offices, or serving offices with serving offices is considered a separate channel for which mileage is independently computed. When the customer requests all or some of the offices connected in a specific sequence, the channel charges will be determined in that sequence. Otherwise, mileage will be charged for in a manner that results in the lowest possible total interoffice channel charges. Bridging charges per channel bridged apply when the three or more voice grade channels connect at the same location. Bridging charges do not apply to foreign exchange, foreign serving office, and Types 315, 317A {1}{2} and 317B {1}. (D)

**7.2.3 Channel Terminals**

Channel terminals charges apply at (1) each termination of an interexchange intraLATA channel, and (2) each termination of an interoffice channel.

**7.2.4 Interexchange IntraLATA Channel**

(A) Two-point

When the demarcation points of a private line service are located in different exchanges or metropolitan exchanges, interexchange intraLATA mileage charges apply.

Each exchange and each zone of a metropolitan exchange has one primary serving office. Charges are based on the V & H distance between primary serving offices.

Where "other line" charges apply, mileage is calculated between a SWBT primary serving office and a point of connection with the facilities of another LEC. This interexchange mileage shall not exceed the distance between the primary serving offices.

{1} Obsolete -- Applicable to existing installations at existing locations for existing customers.

{2} These changes are effective June 14, 1996 pursuant to PUA Sec. 3.356 and SWBT's notification.

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**REGULATIONS**

**7. Method of Applying Rates (Cont'd)**

7.2 (Cont'd)

**7.2.4 Interexchange IntraLATA Channel (Cont'd)**

(B) Multipoint

Each channel connecting primary serving offices is considered a separate channel for which mileage is independently computed. When the customer requests all or some of the primary serving offices to be connected in a specific sequence, the interexchange channel charges will be determined in that sequence. Otherwise, mileage will be charged in a manner that results in the lowest possible total interexchange channel charges. Bridging charges per channel bridged, apply when three or more voice grade channels, connect at the same location. Bridging charges do not apply to foreign exchange, and Types 315, 316, 317A {1}{3}, 317B {1}{3} and Series 600 {1}. (D)

**7.2.5 Additional Point of Termination of a Local Channel in Different Buildings (Same Premises) {2}**

(A) A charge, as provided in Section 2, following, for extending a local channel and terminating the channel at a demarcation point in a different building on the same premises shall apply in lieu of additional local channel charges. {2}

(B) When all demarcation points of a single private line service are located in different buildings on the same premises, the charge for the channel between each pair of buildings shall be the same as the charge for extending a local channel to a demarcation point in different buildings on the same premises as specified in Section 2. {2}

**7.2.6 Additional Point of Termination in Same Building {2}**

A charge as provided in Section 2, following, for extending a local channel and terminating the channel at a demarcation point in the same building, shall apply in lieu of additional local channel charges. {2}

**7.2.7 Category "A" Primary Serving Offices**

Those offices to which Schedule 1 and 2 interexchange channel rates apply for Series 300 and 400 channels.

Abilene - Orchard	Houston - Capitol
Amarillo - Drake	Laredo
Austin - Greenwood	Longview - Main
Beaumont - Beaumont 835	Lubbock - Porter/Sherwood
Corpus Christi - Tulip	Midland - Mutual
Dallas - Taylor	San Angelo - 653
El Paso - 542	San Antonio - Capitol
Fort Worth - Edison	Sweetwater
Freeport	Waco - Plaza
Harlingen	

{1} Obsolete -- Applicable to existing installations at existing locations for existing customers.

{2} Obsolete -- See Section 2 of this tariff.

{3} These changes are effective June 14, 1996 pursuant to PURA Sec. 3.356 and SWBT's notification.

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REGULATIONS

7. Method of Applying Rates (Cont'd)

7.2 (Cont'd)

7.2.8 Category "A" Primary Serving Offices - U. S. Government

Those offices in addition to 7.2.7, preceding, to which Schedule 1 and 2 interexchange channel rates apply for Series 300 and 400 channels for service furnished only to a branch or agency of the United States Government.

Apollo  
Ennis

Seguin

7.2.9 Service Charges

A charge applies per point of termination installed or moved as provided in Section 2, following. Those services with one local channel shall be billed as provided in Section 2, following. Private line service charges for local channel Type 315 does not apply for inside moves within the same building on the same premises.

7.2.10 Bridging charges per channel bridged apply when three or more voice grade channels connect at the same location. Bridging charges do not apply to foreign exchange, foreign serving office and Types 315, 317A {1}{2}, 317B {1}{2} and Series 600 {1}. (D)

7.2.11 Signaling

Signaling charges for Series 400 channels are applicable per point of termination, except for Type 428 which is applicable per local channel. Rates and charges are found in Section 2 of this tariff.

Local channel Types 428 require Type A, B or C loop signaling, except for the following:

Signaling charges do not apply to different buildings, same premises PBX (or similar) stations. Loop signaling is optional on Type 428 local channels associated with a grandfathered customer-provided PBX (or similar) switching system.

Local channel Types 424 require E&M signaling.

E&M signaling is optional on Type 424 local channels terminating in a grandfathered customer-provided PBX (or similar) switching system.

7.2.12 Special Routing

The private line services furnished under this tariff are provided over such routes as SWBT may elect. Special routing is involved where, to comply with requirements specified by the customer, SWBT furnished the private line service via serving offices and/or primary serving offices other than those through which the service would normally be routed. Each channel connecting serving offices and/or primary serving offices is considered a separate channel for which charges are independently computed. Special routing will be provided only where suitable facilities are available.

- {1} Obsolete -- Applicable to existing installations at existing locations for existing customers.
- {2} These changes are effective June 14, 1996 pursuant to PURA Sec. 3.356 and SWBT's notification.

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**SERVICES AND RATES**

**2. Description of Services (Cont'd)**

**2.3 Voice Grade Service - Series 300 and 400**

2.3.1 Series 300 local channels for voice grade service are furnished for half-duplex (voice or data use) and duplex (data use) operations for oral communications, and data communications which operate within certain technical specifications. Unless expressly provided for elsewhere, these are the only channels provided for voice grade transmission. The various types of local channels which are offered for termination in terminal equipment and systems (except as provided in 1.3) provided on a customer, authorized or joint user premises are as follows:

- (A) Type 314 -- Furnished for tie line use between a premises PBX (or similar) switching system and a Centrex (with switching equipment located on SWBT premises) (314B); or between two Centrexes (with switching equipment located on SWBT premises) (314C). Transmission specifications for 314B channels are two-wire or four-wire interfaces with effective four-wire facilities engineered to VNL design specifications for tie line use. E&M signaling is included in the local channel.
- (B) Type 315 -- Furnished for voice transmission, off-premises extension (Non-PBX) and off-premises Centrex (with switching equipment located on SWBT premises) station and/or extension station use.
- (C) Type 317 -- Furnished for voice transmission, (317A) telephone answering service between concentrator and identifier. (317B) furnished for use with the AUTOTAS telephone answering service offering between the electronic concentrator and the traffic director. {1}{2}
- (D) Type 322 -- Furnished for half-duplex data transmission for an automatic identified outward dialing (AIOD) data channel. For use between a premises PBX (or similar) switching system and a serving office. {1}
- (E) Type 323 - Furnished for use with Centrex (with switching equipment located on SWBT premises) data link consoles. For service between the premises control cabinet and the serving office. {1}

(D)

(D)

Bridging charges per channel bridged apply when three or more voice grade channels, connect at the same location. Bridging charges do not apply to types 315, 317A, 317B, and Series 600 {1}.

(D)

{1} Obsolete -- Applicable to existing installations at existing locations for existing customers.

{2} These rates are effective June 14, 1996 pursuant to PURA Sec. 3.356 and SWBT's notification.

**SERVICES AND RATES**

**2. Description of Services (Cont'd)**

**2.3 Voice Grade Service - Series 300 and 400 (Cont'd)**

2.3.2 (Cont'd)

(G) (Cont'd)

Bridging charges per channel bridged apply when three or more voice grade channels connect at the same location.

Customers must insure that neither direct transmitted signal nor reflected signal energy is allowed to violate interconnection protection criteria and regulations as set forth in the Regulations section of this tariff.

Specifications of net loss (or gain) refer to the requirement of the total channel offering, not the individual local channel. Gains or losses present in CPE have not been included.

2.3.3 Parameters and specifications for two-point service used with customer-provided station equipment are as follows: Speech application specifications and limits apply to all local channels except Type 420 and 422. Data application specifications and limits apply only to Types 420 and 422.

(D)  
 |  
 (D)

<u>Basic Parameters</u>	<u>Specification or Limit</u>
Net loss	Local channels used with customer-provided station equipment -- Limit as specified in standard Bell System design practices and/or Technical References. The specifications of net loss or gain refer to the requirements of the total channel service offering, not the individual local or interoffice channel. Losses or gains present in CPE have not been included.
DC resistance	Local channels used with customer-provided station equipment. Limit as specified in standard Bell System design practices and/or Technical References. Does not imply or guarantee end to end DC continuity.
Frequency error	$\pm 5$ Hz
Frequency response	300-3000 Hz, -3 dB to +12 dB 500-2500 Hz, -2 dB to +8 dB ("+" means loss and "-" means gain)
Envelope delay	For speech application, not controlled. For AIOD Application, less than 1750 microseconds, 800-2600 Hz.
Distortion	For data application, less than 1000 microseconds, 1000-2400 Hz; less than 1750 microseconds, 800-2600 Hz.

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**SERVICES AND RATES**

**2. Description of Services** (Cont'd)

**2.3 Voice Grade Service - Series 300 and 400** (Cont'd)

**2.3.3** (Cont'd)

<u>Basic Parameters</u>	<u>Specification Or Limit</u>
-13 dBmO 1000 Hz test signal to C-notched noise ratio	For speech application, 20 dB. For data application, 24 dB.
Impulse noise	For speech application, 90 counts in 15 minutes at a threshold of 1 dB below a -13 dBmO rms 1000 Hz test signal. For data application, 15 counts in 15 minutes at a threshold of 6 dB below a -13 dBmO rms 1000 Hz test signal.
Phase jitter	For speech application, 18 degrees peak to peak. For data applications, 10 degrees peak to peak.
Non-linear distortion signal to 2nd order distortion	For speech application, 20 dB. For data application, 25 dB.
Signal to 3rd order distortion	For speech application, 25 dB. For data application, 30 dB.

**2.3.4 Multipoint**

SWBT will provide bridging equipment in service offices and primary serving offices to provide multipoint service. Bridging charges apply per channel (interoffice channel, local channel and interexchange channel) in offices where three or more channels are bridged. Bridging charges do not apply to Foreign Exchange, Foreign Serving Office and Type 315, 317A {1}{2}, 317B {1}{2} and Series 600 {1}. See 2.3.5(K) for intraexchange charges and 2.3.6(H) for interexchange charges. (D)

Standard bridging equipment will be provided unless the customer specifies another bridging arrangement.

The following restrictions are applicable to multipoint service: The channel is limited to no more than five (5) points and/or 4000 circuit miles on two-wire services and no more than 20 points and/or 4000 circuit miles on four-wire circuits. These restrictions do not apply to one-way simultaneous transmission from a master station to all other stations such as broadcast type multipoint service. The transmission parameters specified in 2.3.3, preceding, are not applicable.

{1} Obsolete -- Applicable to existing installations at existing locations for existing customers.

{2} These rates are effective June 14, 1996 pursuant to PURA Sec. 3.356 and SWBT's notification.

**SERVICES AND RATES**

**2. Description of Services (cont'd)**

**2.3 Voice Grade Service - Series 300 and 400 (cont'd)**

**2.3.5 Rates - Intraexchange**

(A) Local channel, each, per termination on a premises

	Monthly Rate		Service Charge{1}	USOC	Class of Service
	First ¼ Mile	Add'l ¼ Mile			
Type 314B	\$29.85	\$ 9.25	\$174.60	1LTBY {10}	FPSVL
Type 314C	0.00	0.00	174.60	1LTCY (10)	FPSVL
Type 315	73.00	23.00	174.60	1LLRY {2}{10}	EXCHANGE
Type 317A	10.20	5.10	174.60	1LJKY{11}{12}	FPSVL
Type 317B	10.20	5.10	174.60	1LJJY{11}{12}	FPSVL
Type 322	34.25	14.40	174.60	1L6QY	DATYL
Type 323	17.10	7.35	174.60	1L6RY	DATYL
Type 420	173.10	46.90	87.30	1LMDY {3}{10}	PVLCL
Type 422	173.10	46.90	87.30	1LMFY	PVLEL
Type 423	89.50	19.00	87.30	1LMGY {5}{10}	PVLFL
Type 424	146.40	43.40	87.30	1LMHY {6}{10}	PVLGL
Type 425	139.20	43.40	87.30	1LMJY {7}{10}	PVLHL
Type 428	112.30	21.10	87.30	1LMKY {8}{10}	PVLLL
Type 435	104.10	43.60	87.30	1LMMY {9}{10}	PVL5L

(D)  
 (D)

Footnotes:

- {1} Charge applies per point of termination.
- {2} Obsolete USOC (1LLHY).
- {3} Obsolete USOC (1L6CY) - Additional USOC (1LM4Y).
- {4} Obsolete USOC (1L6AY).
- {5} Obsolete USOCs (1LLUY) (1LPAY) (1LLOY) (1L3AY) - Additional USOCs
- {6} Obsolete USOC (1LTAY).
- {7} Additional USOC (225).
- {8} Obsolete USOCs (1LLJY).
- {9} Obsolete USOCs (1LPWY) (1L1MY) (1L3WY).
- {10} When service terminates in a SmartTrunk Interface, or in a channel port of an Integrated Pathway Service, a Local Channel charge will not apply for that location. All other appropriate circuit charges specified in this tariff will apply to the remainder of the circuit.
- {11} Obsolete - Applicable to existing installations at existing locations.
- {12} These changes are effective June 14, 1996 pursuant to PURA Sec. 3.356.



**SERVICES AND RATES**

**2. Description of Services (cont'd)**

**2.3 Voice Grade Service - Series 300 and 400 (cont'd)**

**2.3.5 Rates - Intraexchange (cont'd)**

(B) Interoffice channel - all 300 and 400 Series, each V&H ¼ mile, per channel

Monthly Rate	Service Charge	USOC
\$14.00	\$0.00	1LMFS{1}{2}

(C) Interoffice channel terminal, each (two required per interoffice channel)

	Monthly Rate	Service Charge	USOC	Class of Service
Type 314B	\$0.00	\$0.00	PMN4B	FPSVL
Type 314C	0.00	0.00	PMN4C	FPSVL
Type 317A	0.00	0.00	PMN17{8}{9}	FPSVL
Type 322	0.00	0.00	PMN22{8}	DATYL
Type 420	50.00	0.00	PMNCL	PVLCL
Type 422	5.20	0.00	PMNEL{4}	PVLEL
Type 423	50.00	0.00	PMNFL{5}	PVLFL
Type 424	0.00	0.00	PMNGL{6}	PVLGL
Type 425	0.00	0.00	PMNHL	PVLHL
Type 428	50.00	0.00	PMNLL{7}	PVLLL
Type 435	0.00	0.00	PMN5L	PVL5L
Foreign Serving Office	50.00	0.00	PMNFS	EXCHANGE

(D)  
(D)

Footnotes:

- {1} Additional USOCs (1LLBS) (1LTBS).
- {2} Obsolete USOCs (1LJKS) (1LPJS) (1L1OS) (1L3AS) (1L6BS) (1L6DS).
- {3} Obsolete USOC (PMN3A).
- {4} Obsolete USOC (PMN3B).
- {5} Obsolete USOC (PMN11).
- {6} Obsolete USOC (PMN4A).
- {7} Obsolete USOC (PMN12).
- {8} Obsolete - Applicable to existing installations at existing locations for existing customers.
- {9} These changes are effective June 14, 1996 pursuant to PURA Sec. 3.356 and the Company's notification.

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**SERVICES AND RATES**

**2. Description of Services (Cont'd)**

**2.3 Voice Grade Service - Series 300 and 400 (Cont'd)**

**2.3.5 Rates - Intraexchange (Cont'd)**

Footnotes:

- {1} Additional points of termination do not apply for Types 314B, 424 and 428. (D)
- {2} In connection with residence service, no mileage applies for extension stations serving the same domestic establishment where the locations are within the base rate area; no charge is applicable for the first 1/10 mile when locations are outside the base rate area. In connection with business service, no charge is applicable for the first 1/10 mile.
- {3} Charge applies per point of termination.
- {4} Extension Line service includes Type 315 and Type 428 channel services.
- {5} Obsolete - Applicable to existing installations at existing locations for existing customers. This service may be retained or discontinued per the FCC's Report and Order in CC Docket No. 88-57 (Refer to Section 1, Sheet 4.1, Par. 1.4.7). No charge is applied if the facilities used by the customer are entirely located on the customer's side of a demarcation point and/or are part of premises wiring.
- {6} Additional obsolete USOCs (1LPJK) (1L1OK) (1LLUK).
- {7} Additional obsolete USOCs (1LPWK) (1L1MK).
- {8} Additional obsolete USOC (M8X).
- {9} Additional obsolete USOCs (2SE) (M8X).
- {10} Additional obsolete USOC (M8X23).
- {11} Additional obsolete USOC (1L6DE).
- {12} Additional obsolete USOC (1L6BE).
- {13} Additional obsolete USOCs (1LLUE) (1LPJE) (1L1OE) (1L3AE).
- {14} Additional obsolete USOCs (1LLUE) (1LLJE) (1LLU1).

**SERVICES AND RATES**

**2. Description of Services (cont'd)**

**2.3 Voice Grade Service - Series 300 and 400 (cont'd)**

**2.3.5 Rates - Intraexchange (cont'd)**

(G) Same building channels {4}

	Monthly Rate	Service Charge	USOC	Class of Service
Type 420	\$7.95	\$ 87.30 {3}	1LMDB {5}	PVLCL
Type 422	7.95	87.30 {3}	1LMFB {6}	PVLEL
Type 423	7.95	87.30 {3}	1LMMB {7}	PVLFL
Type 424	7.95	87.30 {3}	1LTBB	PVLGL
Type 425	7.95	87.30 {3}	1LMJB	PVLHL

(H) Each additional point of termination in the same building for (H) and (I), preceding. {1} {2} {4}

	Monthly Rate	Service Charge	USOC	Class of Service
Type 420	\$5.30	\$87.30 {3}	DUXD3 {8}	PVLCL
Type 422	5.30	87.30 {3}	J5Y	PVLEL
Type 423	5.30	87.30 {3}	J5YG3 {9}	PVLFL
Type 425	5.30	87.30 {3}	DUXJ3	PVLHL

(I) Bridging charges (multipoint service)

	Monthly Rate	Service Charge	USOC	Class of Service
Per channel bridged	\$19.95	\$0.00	BQ7	PVL++

- {1} Limited to a maximum of three additional points of termination per same premises channels.
- {2} Additional points of termination do not apply for Type 424. (D)
- {3} Charge applies per point of termination.
- {4} Obsolete - Applicable to existing installations at existing locations for existing customers. No charge is applied if the facilities used by the customer are entirely located on the customer's side of a demarcation point and/or are part of premises wiring.
- {5} Additional obsolete USOC (1L6DB).
- {6} Additional obsolete USOC (1L6BB).
- {7} Additional obsolete USOC (29H) (1L3AB).
- {8} Additional obsolete USOC (DUX).
- {9} Additional obsolete USOC (EZ6) (4SE) (J5Y).

**SERVICES AND RATES**

**2. Description of Services (cont'd)**

**2.3 Voice Grade Service - Series 300 and 400 (cont'd)**

**2.3.6 Rates - Interexchange Intralata Service**

(A) Local Channel, each, per termination on a premises

	Monthly Rate		Service Charge{1}	USOC	Class of Service
	First 1/4 Mile	Add'l 1/4 Mile			
Type 314B	\$29.85	\$ 9.25	\$174.60	1LTBY{10}	FPSVS
Type 314C	0.00	0.00	174.60	1LTCY{10}	FPSVS
Type 317A	10.20	5.10	174.60	1LJKY{11}{12}	FPSVS
Type 317B	10.20	5.10	174.60	1LJY{11}{12}	FPSVS
Type 322	34.25	14.40	174.60	1L6QY{11}	DATYS
Type 420	173.10	46.90	87.30	1LMDY{2}{10}	PVLCs
Type 422	173.10	46.90	87.30	1LMFY{3}{10}	PVLES
Type 423	89.50	19.00	87.30	1LMGY{4}{10}	PVLFS
Type 424	146.40	43.40	87.30	1LMHY{5}{10}	PVLGS
Type 425	139.20	43.40	87.30	1LMJY{10}	PVLHS
Type 428	112.30	21.10	87.30	1LMKY{6}{10}	PVLLS
Type 435	104.10	43.60	87.30	1LMMY{7}{10}	PVL5S

(D)  
(D)

(B) Interoffice channel, each V&H 1/4 mile per channel

Monthly Rate	Service Charge{1}	USOC	Class of Service
\$19.00	\$0.00	1LMFS{8}{9}	---

Footnotes:

- {1} Charge applies per point of termination.
- {2} Obsolete USOCs (1L6CY) (1LLCY).
- {3} Obsolete USOCs (1L6AY).
- {4} Obsolete USOCs (1LPAY) (1L10Y) (1L3AY) (1LLBY).
- {5} Obsolete USOC (1LTAY).
- {6} Obsolete USOCs (1LPRY).
- {7} Obsolete USOCs (1LPWY) (1L1MY) (1L3WY).
- {8} Additional USOCs (1LHBS) (1LTBS).
- {9} Obsolete USOCs (1LJKS) (1LPJS) (1L3AS) (1L6BS) (1L1OS) (1L6DS).
- {10} When service terminates in a SmartTrunk Interface, or in a channel port of an Integrated Pathway Service, a Local Channel charge will not apply for that location. All other appropriate circuit charges specified in this tariff will apply to the remainder of the circuit.
- {11} Obsolete -- Applicable to existing installations at existing locations for existing customers.
- {12} These changes are effective June 14, 1996 pursuant to PURA Sec. 3.356 and the Company's notification.

**SERVICES AND RATES**

**2. Description of Services (cont'd)**

**2.3 Voice Grade Service - Series 300 and 400 (cont'd)**

**2.3.6 Rates - Interexchange Intralata Service (cont'd)**

	Monthly Charge	Service Charge	USOC	Class of Service
(C) Interoffice channel terminal, each (two required per interoffice channel)				
Type 314B	\$ 0.00	\$0.00	PMN4B	FPSVS
Type 314C	0.00	0.00	PMN4C	FPSVS
Type 317A	0.00	0.00	PMN17{8}{9}	FPSVS
Type 322	0.00	0.00	PMN22{8}	DATYS
				(D)
Type 420	50.00	0.00	PMNCL{1}	PVLCS
Type 422	5.20	0.00	PMNEL{2}	PVLES
Type 423	50.00	0.00	PMNFL{3}	PVLFS
Type 424	0.00	0.00	PMNGL{4}	PVLGS
Type 425	0.00	0.00	PMNHL	PVLHS
Type 428	50.00	0.00	PMNLL{5}	PVLLS
Type 435	0.00	0.00	PMN5L{6}	PVL5S
				(D)
Foreign Exchange	50.00	0.00	PMNFX	
(D) Bridging charge, (multipoint service), per local channel or interoffice channel bridged	15.55	0.00	BQ7{7}	----
per interexchange channel bridged	11.70	0.00	BQ71X	----

Footnotes:

- {1} Obsolete USOC (PMN3A).
- {2} Obsolete USOC (PMN3B).
- {3} Obsolete USOC (PMN11).
- {4} Obsolete USOC (PMN4A).
- {5} Obsolete USOCs (PMN2S).
- {6} Obsolete USOC (PMN20).
- {7} Additional USOC (BQ7AL).
- {8} Obsolete -- Applicable to existing installations at existing locations for existing customers.
- {9} These rates are effective June 14, 1996 pursuant to PURA Sec. 3.356 and the Company's notification.

**SERVICES AND RATES**

**2. Description of Services (cont'd)**

**2.3 Voice Grade Service - Series 300 and 400 (cont'd)**

**2.3.6 Rates - Interexchange Intralata Service (cont'd)**

(E) Each additional point of termination of a local channel in different building, same premises. {1}{3}

	Monthly Rate		Service Charge{2}	USOC	Class of Service
	Each 1/10 Mile	Minimum Charge			
Type 420	\$2.65	\$7.95	\$87.30	1LMDK	PVLCS
Type 422	2.65	7.95	87.30	1LMFK	PVLES
Type 423	2.65	7.95	87.30	1LMGK {4}	PVLFS
Type 425	2.65	7.95	87.30	1LMJK {5}	PVLHS
Type 435	2.65	7.95	87.30	1LMKK	PVL5S

(F) Each additional point of termination of a local channel in same building. {1} {3}

	Monthly Charge	Service Charge{2}	USOC	Class of Service
Type 420	\$5.30	\$87.30	MUX	PVLCS
Type 422	5.30	87.30	M8XF3{6}	PVLES
Type 423	5.30	87.30	M8XG3{7}	PVLFS
Type 425	5.30	87.30	MUXJ3	PVLHS
Type 435	5.30	87.30	M8XK3{8}	PVL5S

- {1} Additional points of termination do not apply for Types 314B, 424 and 428. (D)
- {2} Charge applies per point of termination.
- {3} Obsolete - Applicable to existing installations at existing locations for existing customers. This service may be retained or discontinued per the FCC's Report and Order in CC Docket No. 88-57 (Refer to Section 1, Sheet 4.1, Par. 1.4.7). No charge is applied if the facilities used by the customer are entirely located on the customer's side of a demarcation point and/or are part of premises wiring.
- {4} Obsolete USOCs (1LPJK) (1L1OK).
- {5} Obsolete USOCs (1LPWK) (1L1MK).
- {6} Obsolete USOC (M8X).
- {7} Obsolete USOCs (2SE) (M8X).
- {8} Obsolete USOC (M8X23).

SERVICES AND RATES

2. Description of Services (cont'd)

2.3 Voice Grade Service - Series 300 and 400 (cont'd)

2.3.6 Rates - Interexchange Intralata Service (cont'd)

	Monthly Charge	Service Charge{1}	USOC	Class of Service
(H) Interexchange channel terminal, (two required per interexchange channel)				
Type 314B	\$ 7.80	\$0.00	P1NH1	FPSVS
Type 314C	50.15	0.00	P1NJ1	FPSVS
Type 317A	18.20	0.00	P1NK1{7}{8}	FPSVS
Type 322	57.70	0.00	P1NM1{7}	DATYS
Type 420	36.70	0.00	P1NQ1{1}	PVLCS
Type 422	36.70	0.00	P1NR1{2}	PVLES
Type 423	43.40	0.00	P1NS1{3}	PVLFS
Type 424	6.60	0.00	P1NT1{4}	PVLGS
Type 425	4.20	0.00	P1NU1	PVLHS
Type 428	50.00	0.00	P1NV1{5}	PVLLS
Type 435	2.65	0.00	P1NW1{6}	PVL5S
Foreign Exchange				
Between exchanges				
0 to 7 miles apart	68.60	0.00	P1NF1	EXCHANGE
Between exchanges				
over 7 miles apart	218.20	0.00	P1NF4	EXCHANGE

(D)

Footnotes:

- {1} Obsolete USOC (P1NC1).
- {2} Obsolete USOC (P1NE1).
- {3} Obsolete USOC (P1NA1).
- {4} Obsolete USOC (P1NG1).
- {5} Obsolete USOCs (P1NB1).
- {6} Obsolete USOC (P1NL1).
- {7} Obsolete -- Applicable to existing installations at existing locations for existing customers.
- {8} These changes are effective June 14, 1996 pursuant to PURA Sec. 3.356 and the Company's notification.

**SERVICES AND RATES**

**2. Description of Services** (Cont'd)

**2.3 Voice Grade Service - Series 300 and 400** (Cont'd)

**2.3.7 Conditioning Options - Available for Types 314C, 420 and 422** (D)

(A) The types and description of the available conditioning options are as follows:

Type C - Conditioning provides assured transmission quality for frequency response and envelope delay distortion as specified below:

Type C1 - For a two-point or multipoint channel

-- the envelope delay distortion shall not exceed:

between 1000 and 2400 Hz, a maximum difference of 1000 microseconds.

-- the loss deviation with frequency (from 100 Hz, reference) shall not exceed:

between 1000 and 2400 Hz, -1 dB to +3 dB.

between 300 and 2700 Hz, - 2 dB to +6 dB.

("+" means loss, "-" means gain)

Type C2 - For a two-point or multipoint channel

-- the envelope delay distortion shall not exceed:

between 1000 and 2600 Hz, a maximum difference of 500 microseconds.

between 600 and 2600 Hz, a maximum difference of 1500 microseconds.

between 500 and 2800 Hz, a maximum difference of 3000 microseconds.

-- frequency response shall not exceed:

between 500 and 2800 Hz, -1 dB to +3 dB.

between 300 and 3000 Hz, -2 dB to +6 dB.

("+" means loss, "-" means gain)



**SERVICES AND RATES**

**2. Description of Services** (Cont'd)

**2.3 Voice Grade Service - Series 300 and 400** (Cont'd)

**2.3.7 Conditioning Options - Available for Types 314C, 420 and 422** (Cont'd) (D)

(A) (Cont'd)

Trunks

- the envelope delay distortion shall not exceed:
    - between 1000 and 2600 Hz, a maximum difference of 80 microseconds.
    - between 600 and 2600 Hz, a maximum difference of 260 microseconds.
    - between 500 and 2800 Hz, a maximum difference of 500 microseconds.
  - frequency response shall not exceed:
    - between 500 and 2800 Hz, -0.5 dB to +1 dB.
    - between 300 and 3000 Hz, -0.8 dB to +2 dB.
- ("+" means loss, "-" means gain)

Conditioning per these specifications limited to each interexchange or local access line between the customer's station and the switching center.

Type C4 - For a two-point or three-point

- the envelope delay distortion shall not exceed:
    - between 1000 and 2600 Hz, a maximum difference of 300 microseconds.
    - between 800 and 2800 Hz, a maximum difference of 500 microseconds.
    - between 600 and 3000 Hz, a maximum difference of 1500 microseconds.
  - frequency response shall not exceed:
    - between 500 and 3000 Hz, -2 dB to +3 dB.
    - between 300 and 3200 Hz, -2 dB to +6 dB.
- ("+" means loss, "-" means gain)

NOTE: On a three-point channel, conditioning per above specifications is applicable only between one station (that designated by the customer as the control point) and each of the other two stations.

Type C5 - For a two-point channel

- the envelope delay distortion shall not exceed:
    - between 1000 and 2600 Hz, a maximum difference of 100 microseconds.
    - between 600 and 2600 Hz, a maximum difference of 300 microseconds.
    - between 500 and 2800 Hz, a maximum difference of 600 microseconds.
  - frequency response shall not exceed:
    - between 300 and 3000 Hz, -1.0 dB to +3.0 dB.
    - between 500 and 2800 Hz, -0.5 dB to +1.5 dB.
- ("+" means loss, "-" means gain)

**SERVICES AND RATES**

**2. Description of Services** (Cont'd)

**2.3 Voice Grade Service - Series 300 and 400** (Cont'd)

**2.3.7 Conditioning Options - Available for Types 314C, 420 and 422** (Cont'd) (D)

(A) (Cont'd)

Type D1 - High performance data conditioning for a two-point channel not arranged for switching {1} (C)

-- Signal to C-notched noise ratio	28 dB
-- Non-linear distortion:	
Signal to second order distortion	35 dB
Signal to third order distortion	40 dB

When the channel equipped with this conditioning is used for voice communications, SWBT does not undertake to represent nor guarantee that the channel will be suitable for such transmission.

{1} Available only where facilities and conditions permit. (C)

**SERVICES AND RATES**

**2. Description of Services** (Cont'd)

**2.3 Voice Grade Service - Series 300 and 400** (Cont'd)

**2.3.7 Conditioning Options - Available for Types 314C, 420 and 422** (Cont'd) (D)

(B) Rates

	<u>Monthly Rate</u>	<u>Service Charge</u>	<u>USOC</u>
Type C1			
Two-point not arranged for switching, per station . . . . .	\$ 10.15	\$ 72.75	P2W
Two-point arranged for switching to another two-point channel, per station . . . . .	18.35	72.75	P2X
Multipoint channel, per station . . . . .	20.30	72.75	P3G
Type C2			
Two-point not arranged for switching, per . . . . .	40.50	90.95	P3HC2
Two-point arranged for switching, per station . . . . .	60.85	90.95	P3J
Multipoint channel, per station . . . . .	60.85	90.95	PH9

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 Section: 2  
 Sheet: 34  
 Revision: 2  
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**SERVICES AND RATES**

**2. Description of Services (Cont'd)**

**2.3 Voice Grade Service Series 300 and 400 (Cont'd)**

**2.3.7 Conditioning Options - Available for Types 314C, 420 and 422(Cont'd) (D)**

(B) Rates (Cont'd)

	<u>Monthly Rate</u>	<u>Service Charge</u>	<u>USOC</u>
Type C4			
Two-point channel, per station . . . . .	\$ 70.95	\$123.65	P4G
Three-point channel, per station . . . . .	91.20	123.65	6DU
Type C5			
On a two-point channel not arranged for switching, per station . . . . .	101.35	123.65	UHD
Type D1 {1} (C)			
Two-point channel not arranged for switching, per station . . . . .	12.15	90.95	QHA

{1} Available only where facilities and conditions permit. (C)

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PRIVATE LINE SERVICE TARIFF

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Sheet: 65  
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**SERVICES AND RATES**

**2. Description of Services** (Cont'd)

**2.9**

(D)

(D)

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**SERVICES AND RATES**

**2. Description of Services (Cont'd)**

**2.9**

(D)

(D)

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Sheet: 67  
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**SERVICES AND RATES**

**2. Description of Services** (Cont'd)

**2.9**

(D)

(D)

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**SERVICES AND RATES**

**2. Description of Services (Cont'd)**

**2.9**

(D)

(D)



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**SERVICES AND RATES**

**INDEX**

	<u>Sheet</u>
<b>1. General</b> .....	1
<b>2. Description of Services</b>	
2.1 Special Signaling Service - Series 100.....	2
Rates.....	3
2.2 Sub Voice Grade Services - Series 200.....	8
Rates.....	9
2.3 Voice Grade Service - Series 300 and 400.....	15
Rates.....	19
Conditioning Options.....	30
Foreign Exchange.....	35
Foreign Serving Office.....	37
2.4	
2.5 Channels for Program Transmission in Connection with Loudspeakers and Sound Recording - Series 600.....	45
Rates.....	49
2.6	
2.7 Special Bridging Service.....	58
2.8 Local Area Data Service {1}.....	62
2.9	
2.10 Served Direct Service {1}.....	69
2.11 Signaling.....	71
2.12 Joint User Service.....	79
2.13	
2.14 Obsolete Services Within the County of El Paso.....	81
2.15 Network Reconfiguration Service.....	85

(D)

{1} Obsolete -- Applicable to existing installations at existing locations for existing customers.