

GENERAL

1. In addition to the regulations set forth in the Regulations section of this guidebook applicable to private line services, additional regulations are set forth throughout this section.
2. Channels are classified by series, and further classified within each series by types. The various series and types are described in terms of circuit characteristic and/or use.
3. The customer provided terminal equipment and station apparatus must be compatible with the service provided by the Company. The Company has overall responsibility for the private line service up to and including the Demarcation Point.
4. Exchange rates, rules and regulations apply for the exchange portion of the total service when Private Line services are used in connection with Exchange services or are connected to Exchange services.
5. When the number of Private Line services is such that cable facilities are required, such cable facilities may be provided specially for the customer's use and not as a part of the Company's general distributing plant, at charges based upon cost in lieu of Guidebook charges, where to do so result in lower charges to the customer.^{/1/}

When it is feasible to connect buildings by the use of channels obtained from a cable for which carrying charges are paid to the Company, the regular guidebook charges do not apply. If in such a situation, the Company furnishes wiring inside either or both buildings, the rate for each channel termination is shown below. This charge applies only to channel terminations and is not applicable to terminations in station equipment or switching arrangements furnished by the Company.^{/1/}

	<u>USOC</u>	<u>Monthly Rate</u>
Channel Termination		
Half Duplex.....	29GDT	\$2.90
Duplex	29G	5.80

6. The Company provides the customer a Demarcation Point at no charge, as part of the Private Line service. Upon request of the subscriber, landlord/property owner or its agent, the Company shall provide additional regulated network entrance facilities and/or demarcation arrangements in accordance with paragraph A.7 in Part 15, Section 1. Each additional regulated network entrance facility will terminate in a demarcation arrangement located at a minimum point of entry within a specified designated telecommunications equipment space.

^{/1/} Except for U. S. Military establishments, this offering is obsolete and applicable to existing installations at existing locations for existing customers. For existing U. S. Military establishments, additional cable facilities may be provided on a cost basis to meet the military's need for national security and emergency preparedness.

SPECIAL SIGNALING SERVICE – SERIES 100**A. General**

These channels are suitable for use with two-point or multipoint service subject to the number of point limitations indicated for each type and are provided for use with power and signaling equipment and other special signaling services.

It is expressly declared that metallic interoffice facilities for this type of service are in continually decreasing supply and the Company is not obligated to continue to make such additional facilities available.

Those local channels used to provide a transmission path to connect with station equipment at a premise are defined in terms of electrical interfaces. Interconnection protection criteria and regulations as described in paragraph F. 'Connections' in Part 15, Section 1 shall apply.

The types of local channels offered for termination at a premises for termination in terminal equipment and systems are as follows:

Type 101 - Transmission Characteristics in C. following

Type 102 - Transmission Characteristics in C. following

B. Furnishing of Service

Type 101 service is furnished on an intraexchange two or three point basis only.

Type 102 service is furnished on an intraexchange multipoint (minimum of 4 points, maximum of 26 points) basis. Type 102 and 102A services are provided on an interexchange two-point or multipoint (maximum of 26 points) basis.

Service is restricted to no more than three serving offices, including the serving office of the central station.

C. Transmission Characteristics

The transmission characteristics of Types 101 and 102 are as follows:

Type 101 service has a two-wire interface with two-wire facilities suitable for use with direct current transmission (metallic continuity). Customers may order two, two-wire services to achieve four-wire service.

Transmission specifications and limitations are described in the Bell System Technical Reference on the transmission specification for private line metallic circuits which includes the following:

- Current applied by CPE - AC and DC components per conductor, not to exceed .150 amperes rms.
- Magnitude of the peak of the voltage between any conductor and ground - not to exceed 70.7 volts except continuous DC voltage not to exceed 135 volts.

Type 102 service has a two-wire interface with two-wire facilities suitable for low speed, unidirectional series-operated signaling, and may be implemented by either metallic channels or by other means at the Company's option. If provided by "other means," the transmission specifications are described in a Bell System Technical Reference for low speed signaling channels.

SPECIAL SIGNALING SERVICE – SERIES 100 (cont'd)**D. Rates – Intraexchange Series 100**Class of Service Codes: 101 - RMTML, RMC1L
102 - RMTSL, RMC2L

	<u>USOC</u>	Monthly Rate	Service Charge
1. Local Channel, each Per first termination on a premise			
Type 101	1L3QY, 1LMCY	\$2,299.00(I)	\$134.00
Type 102	1L3QY, 1LMCY	2,596.00(I)	177.00
2. Interoffice Channel, Each V-H mile or fraction thereof, per channel			
Type 101	1L3QS, 1LMCS	13.00	0.00
Type 102	1L3QS, 1LMCS	8.00	0.00
3. Interoffice Channel Terminal, per terminal (two required per Interoffice Channel)			
Type 101	OXNTL, OXNSL	0.00	0.00
Type 102	OXNTL, OXNSL	15.30	0.00
4. Each additional point of termination of a local channel, Different building, same premises, per 1/10 mile ^{/1}			
Type 101, first 1/10 mile	1LMCK, 1L3QK	3.76	0.00
Type 101, additional 1/10 mile.....		0.97	
Type 102, first 1/10 mile	1LMCK, 1L3QK	3.76	0.00
Type 102, additional 1/10 mile.....		0.97	
5. Each additional point of termination of a local channel in same building ^{/1}			
Type 101	1L3QA, 1LMCA	2.04	0.00
Type 102	1L3QA, 1LMCA	2.04	0.00
6. Two-Point Service, different buildings same premises channel, per 1/10 mile ^{/1}			
Type 101, first 1/10 mile	1LMCE, 1L3QE	574.00(I)	75.00
Type 101, additional 1/10 mile.....		0.97	
7. Two-Point Service, where the points are on different premises and are within same building			
Type 101	1LMFC, 1LLSC	19.05	134.00
8. Two-Point Service, same building channels ^{/1}			
Type 101	1L3QB, 1LMCB	4.09	75.00
9. Two-Point Service, each additional point of termination in same building ^{/1} for 6, 7 or 8 preceding			
Type 101	1L3QC, 1LMCC	2.04	

/1/ Obsolete – existing installations at existing locations for existing customers.

SPECIAL SIGNALING SERVICE – SERIES 100 (cont'd)

E. Rates – Interexchange Type 102		Class of Service Codes – RMTSS, RMC2S		
		<u>USOC</u>	<u>Monthly Rate</u>	<u>Service Charge</u>
1.	Local Channel, each Per first termination on a premise Type 102.....	1L3QY, 1LMCY	\$2,596.00(I)	\$241.00
2.	Interoffice Channel, Each V-H mile or fraction thereof Type 102.....	1L3QS, 1LMCS	4.30	0.00
3.	Interoffice Channel Terminal, per terminal (two required per Interoffice Channel) Type 102.....	OXNTS, OXNSS	15.30	0.00
4.	Interexchange Channel, Per V-H mile or fraction thereof Type 102.....	1L3Q4, 1LMC4		
	0 to 250 miles, each mile		6.15	
	Each additional mile over 250		4.19	
5.	Interexchange Channel Terminal, each (two required per interexchange channel) Type 102.....	OXN3S, OXN2S	11.55	0.00
6.	Each additional point of termination of a local channel, Different building, same premises, per 1/10 mile ^{1/} Type 102, first 1/10 mile	1LMCK, 1L3QK	3.76	0.00
	Type 102, additional 1/10 mile.....		0.97	
7.	Each additional point of termination of a local channel in the same building ^{1/} Type 102.....	1L3QA, 1LMCA	2.04	0.00

^{1/} Obsolete – existing installations at existing locations for existing customers.

SUB-VOICE GRADE SERVICE – SERIES 200**Class of Service Codes**

250 - RMT++, DAT++, TWP++, RMCA+
251 - RMT++, DAT++, TWP++, RMCB+

A. General

Sub-voice Grade Service provides, and is designed for transmission of low speed data at rates up to 75, and up to 150, baud within certain technical specifications. These channels are furnished for half-duplex and duplex operation. The service is not suitable for the transmission of alternating current tones.

B. Furnishing of Service

The types of local channels and the transmission characteristics offered for termination at a premises for termination in customer- provided terminal equipment and systems are as follows:

Type 250 - An interface engineered for binary signals at rates up to 75 baud, 20 ± 1 or 62.5 ± 2.5 milliamperes neutral signals^{/1}. The terminal equipment shall deliver no more than 8% telegraph distortion and shall be capable of processing received data signals with up to 35% telegraph distortion.

Type 251 - EIA Standard RS232C type interface engineered for binary signals at rates up to 150 baud and the terminal equipment shall deliver no more than 5% telegraph distortion and shall be capable of processing received data signals with up to 40% telegraph distortion.

C. Parameters and Specifications

Parameters and Specifications for Sub-Voice Grade Local Channels used with Company and Customer-Provided Station Equipment (CPE).

<u>Basic Parameters</u>	<u>Specification or Limit</u>
Channel Signals	Local Channels used with customer premises equipment as specified in B. above. Note that the specifications of channel signals refer to the requirement of the total service offering and not the individual local channel.
Channel Distortion	Local Channels used with customer premises equipment as specified in B. above. Note that the specifications for channel distortion refer to the requirement of the total service offering and not the individual local channel.
Power Requirement	For up to 75 Baud Type - Where the Company provides transmission equipment at the interface. Customer must provide a source of continuous 117 volt, 60 Hz ac power by means of a nonswitched outlet. For up to 150 Baud - Customer must in all cases provide a source of continuous 117 volt, 60 Hz ac power, nonswitched outlet. The Company will in all cases supply all voltage and current adjustments to the local channel.

/1/ The Company has the option of providing 20 or 62.5 milliamperes and will notify the customer of the current level to be supplied. The Company will supply the line voltage and provide for the current adjustment. The maximum open circuit voltage across the send data leads at the interface will not exceed 270 volts.

SUB-VOICE GRADE SERVICE – SERIES 200 (cont'd)

D. Rates - Intraexchange

Class of Service Codes

250 - RMT+L, DAT+L, TWP+L, RMCAL
 251 - RMT+L, DAT+L, TWP+L, RMCBL

	HALF DUPLEX		DUPLEX		
	<u>USOC</u>	Monthly Rate	<u>USOC</u>	Monthly Rate	Service Charge
1. Local Channel, each					
Per first termination on a premise					
Type 250.....	1LMFY 1LYDY 1L6BY 1L3AY	\$30.60	1LMDY 1LYKY 1L6DY 1L3CY	\$53.15	\$241.00
Type 251.....	1LMFY 1LYDY 1L6BY 1L3AY	45.60	1LMDY 1LYKY 1L6DY 1L3CY	45.60	241.00
2. Interoffice Channel, each V-H mile or fraction thereof, per channel					
Type 250.....	1L3AS 1L6BS 1LMFS 1LYDS	5.20	1LYKS 1L3CS 1L6DS 1LMDS	7.75	0.00
Type 251.....	1L3AS 1L6BS 1LMFS 1LYDS	5.20	1LYKS 1L3CS 1L6DS 1LMDS	7.75	0.00
3. Interoffice Channel Terminal, per terminal (two required for each interoffice channel)					
Type 250.....	O1N5L	4.09	O1N6L	2.90	0.00
Type 251.....	O1N5L	4.09	O1N6L	4.09	0.00
4. Each additional point of termination of a local channel, different building, same premises, per 1/10 mile ^{/1,2/}					
Type 250, first 1/10 mile	1LMFK	9.40	1LMDK	13.40	
Type 250, additional 1/10 mile		0.97		1.94	
5. Each additional point of termination of a local channel in same building ^{/1,2/}					
Type 250.....	W1W	7.50	W2W	8.05	

/1/ Maximum of three terminations per the same premises for Type 250 and no additional termination of Type 251.

/2/ Obsolete – existing installations at existing locations for existing customers.

SUB-VOICE GRADE SERVICE – SERIES 200 (cont'd)

D. Rates – Intraexchange (cont'd)

	HALF DUPLEX		DUPLEX	
	<u>USOC</u>	Monthly Rate	<u>USOC</u>	Monthly Rate
6. Two-Point Service, Different buildings, same premises, Per 1/10 mile ^{/1/}				
Type 250, first 1/10 mile	1LMFE	\$16.90	1LMDE	\$22.30
1LYDE			1LYKE	
1L6BE			1L6DE	
1L3AE				
Type 250, additional 1/10 mile		0.97		1.94
Type 251, first 1/10 mile	1LMFE	24.95	1LMDE	27.40
1LYDE			1LYKE	
1L6BE			1L6DE	
1L3AE				
Type 251, additional 1/10 mile		0.97		1.94
7. Two-Point Service within same building channel ^{/1/}				
Type 250.....	1LMFB	15.05	1LMDDB	15.85
1L6BB			1L6DB	
1LYDB			1LYKB	
1L3AB			1L3CB	
Type 251.....	1LMFB	23.10	1LMDDB	23.90
1L6BB			1L6DB	
1LYDB			1LYKB	
1L3AB			1L3CB	
8. Two-Point Service where the points are on different premises and are within the same building	1LMFC		Equivalent to Type 101	
	1LLSC			
9. Each additional point of termination in same building for 6, 7 or 8 preceding ^{/1,2/}			WAP	8.05

/1/ Obsolete – existing installations at existing locations for existing customers.

/2/ Maximum of three terminations per the same premises for Type 250 and no additional termination of Type 251.

SUB-VOICE GRADE SERVICE – SERIES 200 (cont'd)

E. Rates - Interexchange

Exchange Class of Service Codes
 250 - RMT+L, DAT+S, TWP+S, RMCAS
 251 - RMT+S, DAT+S, TWP+S, RMCBS

	HALF DUPLEX		DUPLEX		
	<u>USOC</u>	Monthly Rate	<u>USOC</u>	Monthly Rate	Service Charge
1. Local Channel, each					
Per first termination on a premise					
Type 250.....	1LMFY 1LYDY 1L6BY 1L3AY	\$30.60	1LMDY 1LYKY 1L6DY 1L3CY	\$53.15	\$306.00
Type 251.....	1LMFY 1LYDY 1L6BY 1L3AY	45.60	1LMDY 1LYKY 1L6DY 1L3CY	45.60	306.00
2. Interoffice Channel, each V-H mile or fraction thereof, per channel					
Type 250.....	1L3AS 1L6BS 1LMFS 1LYDS	5.35	1LYKS 1L3CS 1L6DS 1LMDS	8.60	0.00
Type 251.....	1L3AS 1L6BS 1LMFS 1LYDS	5.35	1LYKS 1L3CS 1L6DS 1LMDS	8.60	0.00
3. Interoffice Channel Terminal, per terminal (two required for each interoffice channel)					
Type 250.....	O1N5S	2.80	O1N6S	2.80	0.00
Type 251.....	O1N5S	2.80	O1N6S	2.80	0.00
4. Interexchange Channel, each V-H mile or fraction thereof					
Type 250.....	1LYK4, 1L3C4, 1L6D4, 1LMD4 0-250 Miles, each mile	5.05		5.05	
	Each additional mile over 250.....	5.05		5.05	
Type 251.....	1LYK4, 1L3C4, 1L6D4, 1LMD4 0-250 Miles, each mile	3.12		3.12	
	Each additional mile over 250.....	3.12		3.12	

SUB-VOICE GRADE SERVICE – SERIES 200 (cont'd)**E. Rates – Interexchange (cont'd)**

	HALF DUPLEX		DUPLEX	
	<u>USOC</u>	Monthly <u>Rate</u>	<u>USOC</u>	Monthly <u>Rate</u>
5. Interexchange Channel Terminal, per terminal (two required for each interexchange channel)				
Type 250.....	O1N2S	56.75	O1N3S	59.00
Type 251.....	O1N2S	50.50	O1N3S	50.50
6. Each additional point of termination of a local channel, different building, same premises, per 1/10 mile ^{1,2/}				
Type 250, first 1/10 mile	1LMFK	\$9.40	1LMDK	\$13.40
Type 250, additional 1/10 mile		0.97		1.94
7. Each additional point of termination of a local channel in same building ^{1,2/}				
Type 250.....	W1W	7.50	W2W	8.05

/1/ Maximum of three terminations per the same premises for Type 250 and no additional termination of Type 251.

/2/ Obsolete – existing installations at existing locations for existing customers.

VOICE GRADE SERVICE – SERIES 400**A. General**

Series 400 local channels are furnished for use as the customer elects and operate within certain technical specifications. The various types and the transmission characteristics of local channels which are offered for termination at a premises for connection to customer premises terminal equipment and systems are as set forth following:

Type 414B - Furnished for tie line use, between a customer premises PBX (or similar) switching system and a customer's Centrex arrangement when the switching system is located in a Local Exchange Company Central office. E & M signaling is included in the local channel.

Type 414C - Furnished for tie line use, between two customer Centrex arrangements when both switching systems are located in a Local Exchange Company central office.

Type 415 - A two-wire interface with effective two-wire facilities engineered for 1000 Hz net loss of 6 db, loop signaling is included in the local channel. Furnished for voice transmission in the same serving office as the primary service, off-premises extension (non-PBX) and off-premises Centrex (with switching equipment located on Company premises). Station and/or extension station use (Exchange, WATS, FX, Telephone Answering Service).

Type 417A - Furnished for voice transmission, Telephone Answering Service offering between a Local Exchange Company central office located Concentrator and the customer premises Identifier.

Type 417B - Furnished for voice transmission, Telephone Answering Service offering between a Local Exchange Company central office Electronic Concentrator and the customer premises Identifier.

Type 420 - A four-wire interface with four-wire facilities engineered for 1000 Hz net loss of 16 db. Normally suitable for use as a full duplex data channel.^{1/} /PVLCL; PVLCS/

Type 422 - A two-wire interface with effective two-wire facilities engineered for a 1000 Hz net loss of 16 db. Normally suitable for use as a half duplex data channel.^{1/} /PVLEL; PVLES/

Type 423 - A two-wire interface with effective two-wire facilities engineered for a 1000 Hz net loss of 10 db for two-point service and up to 20 db for multipoint service. Normally suitable for use as a voice channel.^{1/} /PVLFL; PVLFS; PLYVL; RMTV+; OMRV+; Intercom; FPSVS/

Type 424 - A two-wire or four-wire interface with effective four-wire facilities engineered to VNL design specifications for tie line use. Normally suitable for use as a tie line between two premises PBX's (or similar) switching systems. Refer to '*Signaling Arrangements*' found later in this Section for applicable signaling charges. /PVLGL; PVLGS/

Type 425 - A four-wire interface with four-wire facilities engineered for a 1000 Hz net loss of 16 db. Normally suitable for use as a voice channel.

^{1/} Type 420 through Type 423 local channels are not suitable for, nor can they be used for, switching and/or tandem operations to the public switched network or other channel services.

VOICE GRADE SERVICE – SERIES 400 (cont'd)**A. General (cont'd)**

Type 428 - A two-wire interface with effective two-wire facilities engineered for a 1000 Hz net loss of VNL+4db. Normally suitable for use as main or extension station of a premises PBX (or similar) switching system. Signaling arrangements may be required; refer to '*Signaling Arrangements*' found later in this Section for charges. Multipoint service not available.

Type 432 - Furnished for half duplex data transmission for Automatic Identified Outward Dialing (AIOD) data channel. For use between a customer premises PBX (or similar) switching system and a serving office. A two-wire interface with effective two-wire facilities engineered for 1000 Hz net loss of 13 db, D.C. signaling is included in the local channels.

Type 435 - A two-wire interface with four-wire facilities engineered for a 1000 Hz net loss of 16db. Normally suitable for use as a multipoint voice channel where two-way communication is required. (PVLSL)(PVLSS)

Type 437 - Furnished for use with Centrex (with switching equipment located on Company premises) data link consoles. For service between the premises control cabinet and the serving office.

Available signaling options required to arrange Series 400 Channels are available at charges found in '*Signaling Arrangements*' described later in this Section.

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 Part 15, Section 1.

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

B. Parameters and Specifications

Parameters and specifications for two-point service used with 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

<u>Basic Parameters</u>	<u>Specification or Limit</u>
Net Loss	Local Channels used with 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 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.

VOICE GRADE SERVICE – SERIES 400 (cont'd)

B. Parameters and Specifications (cont'd)

<u>Basic Parameters</u>	<u>Specification or Limit (cont'd)</u>
Frequency Error	± 5 Hz
Frequency Response	300-3000 Hz, -3 db to +12 db 500-2500 Hz, -2 db to +8 db ("+" means more loss and "-" means less loss)
Envelope Delay Distortion	For Speech Application, not controlled For Data Application - less than 1000 microseconds, 1000-2400 Hz - less than 1750 microseconds, 800-2600 Hz
-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 BmO 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 Application, 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

VOICE GRADE SERVICE – SERIES 400 (cont'd)**C. Multi-Point**

The Company will provide bridging equipment in serving 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 Types 415, 417, and 428. See D.11. for intraexchange charges^{/1/}.

Standard bridging equipment for two-way communication between all points will be provided unless the customer specifies another fixed bridging arrangement.

The following restrictions are applicable to multipoint service: the channel is limited to no more than five (5) points and/or 4,000 circuit miles on two-wire services and no more than 20 points and/or 4,000 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 paragraph B. preceding are not applicable.

/1/ Interexchange USOC options were withdrawn on December 4, 2012 and are no longer available.

VOICE GRADE SERVICE – SERIES 400 (cont'd)

D. Rates - Intraexchange

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Service Charge</u>
1. Local Channel, each			
Per first termination on a premise			
Type 414B ^{/1}	1LTBY	\$70.95	\$354.00
Type 414C	1LTCY	0.00	236.00
Type 415.....	1LLHY, 1LLRY	3,273.00(I)	166.00
Type 417A	1LJKY	38.15	311.00
Type 417B	1LJJY	38.15	311.00
Type 435.....	1LPWY, 1L1MY, 1L3WY	65.55	225.00
Type 432.....	1L6QY	50.50	419.00
Type 437.....	1L6RY	45.15	199.00
Type 420 ^{/1}	1L6CY, 1LMDY	7,233.00(I)	252.00
Type 422 ^{/1}	1L6AY, 1LMFY	58.55	252.00
Type 423 ^{/1}	1LLUY, 1LPAY, 1L1OY 1L3AY, 1LMGY	31.00	188.00
Type 424 ^{/1}	1LTAY, 1LMHY	59.85	220.00
Type 425 ^{/1}	1LMJY	38.75	198.00
Type 428 ^{/1}	1LLJY, 1LMKY	3,273.00(I)	193.00
Type 435 ^{/1}	1LMMY	58.05	225.00
2. Interoffice Channel,			
Each V-H mile or fraction thereof,			
Per channel.....	1LJKS, 1LLBS, 1LPJS, 1LTBS, 1L1OS, 1L3AS, 1L6BS, 1L6DS, 1LMFS	811.00(I)	0.00
3. Interoffice Channel Terminal,			
Per termination			
(two required per interoffice channel)			
Type 414B	PMN4B	3.23	0.00
Type 414C	PMN4C	11.80	0.00
Type 415.....	/2/		
Type 417A	PMN17	9.40	0.00
Type 432.....	PMN22	16.35	0.00
Type 420.....	PMN3A, PMNCL	12.50	0.00
Type 422.....	PMN3B, PMNEL	12.05	0.00
Type 423.....	PMN11, PMNFL	9.00	0.00
Type 424.....	PMN4A, PMNGL	8.00	0.00
Type 425.....	PMNHL	5.25	0.00
Type 428.....	PMN12, PMNLL	10.00	0.00
Type 435.....	PMN5L	4.09	0.00

/1/ When service terminates in a SmartTrunk Interface or in a channel port of Access Advantage Plus, a Local Channel Charge will not apply for that location. All other appropriate circuit charges specified in this guidebook will apply.

/2/ For Channel Terminal rates for Type 415 channels, refer to G.6., Rates for Foreign Serving Office Service.

VOICE GRADE SERVICE – SERIES 400 (cont'd)

D. Rates – Intraexchange (cont'd)

	<u>USOC</u>	Monthly Rate	
		First 1/10 Mile	Each Add'l 1/10 Mile
4.	Each additional point of termination of a local channel in different building, same premises ^{/1,2/}		
	Type 420..... 1LMDK	\$13.40	\$1.94
	Type 422..... 1LMFK	3.76	0.97
	Type 423..... 1LPJK, 1LLUK, 1L1OK, 1LMGK	3.76	0.97
	Type 425..... 1LMJK	7.50	1.94
	Type 435..... 1LMKK, 1LPWK	6.85	1.94
5.	Different buildings same premise channels, per 1/10 mile ^{/2/}		
	Type 420..... 1L6DE, 1LMDE	23.35	1.94
	Type 422..... 1L6BE, 1LMFE	5.80	0.97
	Type 423 ^{/2/} 1LLU, 1LPJE, 1L1OE, 1L3AE, 1LMGE	5.80	0.97
	Type 425..... 1LMJE	11.75	1.94
6.	<u>USOC</u>	Monthly Rate	
6.	Each additional point of termination of a local channel in same building ^{/1,2/}		
	Type 422..... M8X, M8XF3	2.04	
	Type 423..... 2SE, M8X, M8XGE	2.04	
	Type 425..... MUXJ3	4.19	
	Type 435..... M8XK3	4.19	
7.	Residence Extension Lines Different building, same premise ^{/2/}		
	First 1/10 mile or fraction thereof..... 1LLJE	0.00	
	Each additional 1/10 mile or fraction thereof..... 1LLBE	0.97	
8.	Business Extension Lines Different building, same premise ^{/2/}		
	First 1/10 mile or fraction thereof..... 1LLBE, 1LLU1	2.04	
	Each additional 1/10 mile or fraction thereof..... 1LLBE, 1LLU1	0.97	

/1/ Additional points of termination do not apply for types 424 and 428.

/2/ Obsolete - existing installations at existing locations for existing customers.

VOICE GRADE SERVICE – SERIES 400 (cont'd)

D. Rates – Intraexchange (cont'd)

	<u>USOC</u>	Monthly <u>Rate</u>
9. Two-Point Service, Same building channels ^{/1}		
Type 420.....	1L6DB, 1LMDB	\$19.60
Type 422.....	1L6BB, 1LMFB	4.09
Type 423.....	29H, 1L3AB, 1LMMB	4.09
Type 424.....	1LTBB	8.30
Type 425.....	1LMJB	8.30
10. Two-Point Service where the points are on different premises and are within same building	1LMFC, 1LLSC	Equivalent to Type 101
11. Each additional point of termination in the same building for 5, 9 and 10 ^{/1,2,3/}		
Type 420.....	DUX, DUXD3	9.90
Type 422.....	J5Y	2.04
Type 423.....	EZ6, 4SE, J5Y, J5YGE	2.04
Type 425.....	DUXJ3	4.19
12. Bridging Charges Per channel bridged	BQ7	14.00

^{/1/} Obsolete - existing installations at existing locations for existing customers.^{/2/} Limited to a maximum of three additional points of termination per same premises channels.^{/3/} Additional points of termination do not apply for Type 424.

VOICE GRADE SERVICE – SERIES 400 (cont'd)

E. Rates - Interexchange

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Service Charge</u>
1. Local Channel, each			
Per first termination on a premise			
Type 414B ^{/1}	1LTBY	\$70.75	\$634.00
Type 414C	1LTCY	0.00	478.00
Type 415.....	1LPVY, 1LLAY	31.00	166.00
Type 417A	1LJKY	38.15	387.00
Type 417B	1LJJY	38.15	440.00
Type 420 ^{/1}	1L6CY, 1LLCY, 1LMDY	7,233.00(I)	311.00
Type 422 ^{/1}	1L6AY, 1LLDY, 1LMFY	58.55	317.00
Type 423 ^{/1}	1LLBY, 1LPAY, 1L1OY 1L3AY, 1LMGY	31.00	290.00
Type 424 ^{/1}	1LTAY, 1LMHY	56.95	365.00
Type 425 ^{/1}	1LMJY	38.75	301.00
Type 428 ^{/1}	1LPRY, 1LMKY	3,273.00(I)	279.00
Type 432.....	1L6QY	50.50	505.00
Type 435 ^{/1}	1LMMY, 1LPWY, 1L1MY, 1L3WY	58.00	279.00
2. Interoffice Channel,			
Each V-H mile or fraction thereof,			
Per channel.....	1LJKS, 1LLBS, 1LPJS, 1LTBS, 1L1OS, 1L3AS, 1L6BS, 1L6DS, 1LMFS	811.00(I)	0.00
3. Interoffice Channel Terminal,			
Per termination			
(two required per interoffice channel)			
.....	PMNSS	8.00	0.00
4. Interexchange Channel,			
Per V-H mile or fraction thereof.....	1LHU4		
0-250 Miles, each mile		6.10	
Each additional mile over 250....		0.00	

/1/ When service terminates in a SmartTrunk Interface or in a channel port of Access Advantage Plus, a Local Channel Charge will not apply for that location. All other appropriate circuit charges specified in this guidebook will apply.

VOICE GRADE SERVICE – SERIES 400 (cont'd)

E. Rates – Interexchange (cont'd)

	<u>USOC</u>	Monthly <u>Rate</u>	Service <u>Charge</u>
5. Interexchange Channel Terminal, Per terminal (two required per interexchange channel)			
Type 414B	P1NH1	\$35.45	\$0.00
Type 414C	P1NJ1	35.45	0.00
Type 417A	P1NK1	35.45	0.00
Type 420.....	P1NC1, P1NQ1	40.00	0.00
Type 422.....	P1NE1, P1NR1	40.00	0.00
Type 423.....	P1NA1, P1NS1	40.00	0.00
Type 424.....	P1NG1, P1NT1	35.45	0.00
Type 425.....	P1NU1	35.45	0.00
Type 428.....	P1NB1, P1NV1	40.00	0.00
Type 432.....	P1NM1	35.45	0.00
Type 435.....	P1NL1, P1NW1	35.45	0.00
Foreign Exchange	P1NF4	40.00	0.00
6. Each additional point of termination of a local channel in the same building ^{/1,2/}			
Type 422.....	M8X, M8XF3	2.04	
Type 423.....	2SE, M8X, M8XG3	2.04	
Type 425.....	MUXJ3	4.19	
Type 435.....	M8X23, M8XK3	4.19	
7. Bridging Charge (Multi-Point Service) Per channel bridged	BQ7, BQ7AL	14.00	
	<u>USOC</u>	Monthly Rate First <u>1/10 Mile</u>	Each Add'l 1/10 Mile
8. Each additional point of termination of a local channel in different building, same premises ^{/1,2/}			
Type 420.....	1LMDK	\$13.40	\$1.94
Type 422.....	1LMFK	3.76	0.97
Type 423.....	1LPJK, 1L1OK, 1LMGK	3.76	0.97
Type 425.....	1LMJK	7.50	1.94
Type 435.....	1LMKK, 1LPWK	6.85	1.94

/1/ Additional points of termination do not apply for Types 424 and 428.

/2/ Obsolete – existing installations at existing locations for existing customers.

VOICE GRADE SERVICE – SERIES 400 (cont'd)**F. Conditioning Options - Available for Types 414B, 414C, 420, 422, 424 and 443**

1. The types and description of the available conditioning options, at rates found in Section 2 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

Loss Deviation with Frequency (from 1000 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

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 more loss)

Type C4 For a two-point or three-point channel, 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
- between 500 and 3000 Hz, a maximum difference of 3000 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 more loss)

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

VOICE GRADE SERVICE – SERIES 400 (cont'd)**F. Conditioning Options - Available for Types 414B, 414C, 420, 422, 424 and 443 (cont'd)**

1. (cont'd)

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 more less)

Type D1 High Performance Data Conditioning for a two-point channel not arranged for switching^{/1/}

Signal to C-Notched Noise Ratio 28db

Non-linear distortion:

- Signal to second order distortion 35db
- Signal to third order distortion 40db

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

/1/ Available only where facilities and conditions permit.

VOICE GRADE SERVICE – SERIES 400 (cont'd)

G. IntraLATA Foreign Exchange and Foreign Exchange Centrex (with switching equipment located on Company premises) Station Service

1. This Service is furnished to a maximum of two exchanges (in addition to the exchange in which the exchange service is furnished). The exchange service connection is provided from one exchange only.
2. Service is furnished on the condition that additional costs to the Company may be necessary to provide a type of signaling suitable for operation with the exchange from which service is furnished, or to provide, at the customer's request, a type of signaling other than the type the Company would elect to furnish. In such cases, additional charges shall apply.
3. Customers, for the exchange portion of the service, are subject to exchange charges, rules and regulations; and for the private line portion of the service, are subject to the private line charges, rules and regulations in this Guidebook.
4. The provisioning of the private line service at the customer's premises is to be treated as a complex service. The Company will terminate the service at a Demarcation Point and the service responsibility will be up to and including that one Demarcation Point. The customer will be responsible for additional terminations beyond the Demarcation Point.
5. Off-premises extensions are provided only where facilities and conditions permit. Type 415 Local Channel Charges apply for off-premise extensions.
6. Rates

<u>USOC</u>	<u>Monthly Rate</u>	<u>Service Charge</u>
<i>Point of Termination in one foreign exchange^{/1,3/}</i>		
<i>Between exchanges ...</i>		
0 to 20 miles apart	T21	\$52.75
Over 20 miles apart	T22	87.25
<i>Point of Termination in two foreign exchanges^{/2,3/}</i>		
Interoffice Channel Terminal, each	T1S	98.50
(two required per interoffice intrALATA channel)	PMNFX	811.00(I)
		0.00

/1/ In addition, private line charges as set forth in this Guidebook apply between the serving office of the customer premises and the serving office from which the exchange service is provided. Local channel charges do not apply to Main Stations, but do apply to Centrex main stations and extensions.

/2/ Local channel charges do not apply to the main station and one extension, but do apply to Centrex main stations and extensions.

/3/ Local channel charges do not apply when the exchange service terminates in a channel port of Access Advantage Plus.

VOICE GRADE SERVICE – SERIES 400 (cont'd)

**H. Foreign Serving Office and Centrex (with switching equipment located on Company premises)
Station Service**

1. This service is furnished to a maximum of two serving offices (in addition to the serving office in which the exchange service is furnished) within the exchange or metropolitan exchange in which the exchange service is furnished.
2. Service is furnished on the condition that additional costs to the Company may be necessary to provide a type of signaling suitable for operation with the serving office from which service is furnished, or to provide, at the customer's request, a type of signaling other than the type the Company would elect to furnish. In such cases, additional charges will apply.
3. Customers, for the exchange portion of the service, are subject to exchange charges, rules and regulations, and for the private line portion of the service, are subject to the private line charges, rules and regulations in this Guidebook.
4. The provisioning of the private line service at the customer's premises is to be treated as a complex service. The Company will terminate the service at a Demarcation Point and the responsibility will be up to and including that one Demarcation Point. The customer will be responsible for additional terminations beyond the Demarcation Point.
5. Off-premises extensions are provided only where facilities and conditions permit. Type 415 local channel charges apply for off-premises extensions.
6. Rates

<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
Point of Termination in one foreign serving office ^{/1,3/}	T21FS	\$0.00
Point of Termination in two foreign serving offices ^{/2,3/}	T1SFS	17.45
Interoffice Channel Terminal, each (two required per interoffice channel).....	PMNFS	14.00
		0.00

/1/ In addition, private line charges as set forth in this Guidebook apply between the serving office of the customer premises and the serving office from which the exchange service is provided. Local channel charges do not apply to the Main Station, but do apply to Centrex main stations and extensions.

/2/ Local channel charges do not apply to the Main Station and one extension, but do apply to Centrex main stations and extensions.

/3/ Local channel charges do not apply when the exchange service terminates in a channel port of Access Advantage Plus.

AT&T ARKANSAS GUIDEBOOK

PART 15 - Dedicated Communications Services
SECTION 2 - Channel / Analog Private Line (APL) Services

1st Revised Sheet 23
Replacing Original Sheet 23

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AT&T ARKANSAS GUIDEBOOK

PART 15 - Dedicated Communications Services
SECTION 2 - Channel / Analog Private Line (APL) Services

1st Revised Sheet 24
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PART 15 - Dedicated Communications Services
SECTION 2 - Channel / Analog Private Line (APL) Services

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Replacing Original Sheet 25

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AT&T ARKANSAS GUIDEBOOK

PART 15 - Dedicated Communications Services
SECTION 2 - Channel / Analog Private Line (APL) Services

1st Revised Sheet 26
Replacing Original Sheet 26

(D)

INTRALATA EXTENSION SERVICE^{/1}**A. Regulations**

In addition to the general regulations and definitions applicable to private line services set forth in this Guidebook, the following regulations apply to Extension Service.

1. Voice Grade Service (400 Series Channels)

Extension service is that of furnishing facilities for one or more stations for each authorized connection to a private line voice grade service equipped for communication among three or more stations at a time, and furnished to a branch or agency of the United States Government for the collection and dissemination of information relating to air traffic control activities and similar information of public interest in connection with supervision of the flight of aircraft along civil airways.

2. Sub Voice Grade Services (200 Series Channels)

a. Extension service is that of furnishing facilities to allow connection with a private line sub-voice grade service furnished to a branch or agency of the United States Government for the collection and dissemination of weather information or miscellaneous airways information pertaining to the supervision of flight of aircraft along civil airways.

b. Connection may be made as follows:

1. Receiving Only Service - for reception of weather and miscellaneous airways information transmitted over the Government service to which it is connected.
2. Sending and Receiving Service - for transmission of flight plans to and acknowledgment of such plans from the Government service to which the connection is authorized.

B. Rates**1. Voice Grade Services****a. Local Channels**

A charge as specified in 'Voice Grade Service – Series 400' preceding, for two local channels to the customer's premises applies for each extension service not located on the same premises as a government station and arranged for communication among three or more stations at one time.

b. Interexchange Channels and Channel Terminals

The charges as specified in 'Voice Grade Service – Series 400' preceding apply.

c. Interoffice Channels and Channel Terminals

The charges as specified in 'Voice Grade Service – Series 400' preceding apply.

^{/1}/ Extension services connected to an InterLATA service is provided out of the Access Services Guidebook, Part 3, Section 7. (C) (C)

INTRALATA EXTENSION SERVICE^{/1/} (cont'd)**B. Rates (cont'd)**

1. Voice Grade Services (cont'd)

d. Extension Service Arrangements

1. Where one or more extension services are located on the same premises and in the same building as a station on the government service, charges apply as follows:

First station, per month /TNE/	\$22.55
Service Charge, per station.....	123.00

2. Where one or more extension services are located on the same premises but in a different building as a station on the government service, charges apply as follows:

First station, per month /UNE/	\$22.55
Additional station, same building, per month /TNE/	22.55
Service Charge, per station.....	123.00

3. Where one or more extension services are connected to a government service by interexchange channels, a charge of \$25.50 /ZME/ per month applies at the exchange at which such connection is made, for each extension service so connected in addition to the charges for interexchange channel, channel terminals, and local channels and station equipment.

2. Sub-Voice Grade Services

a. Local Channels

Local channel charges as specified in 'Sub-Voice Grade Service – Series 200' preceding, apply except for 1. and 2. following:

1. Where an extension service station is connected to the Government service at a station on the Government service and is on the same airport as the Government station, an additional Local Channel charge applies.
2. Where the extension service or more than one extension service is furnished on the same premises and connected to the same service, additional Local Channel charges apply.

b. Interexchange Channels and Channel Terminals

The charges as specified in 'Sub-Voice Grade Service – Series 200' preceding apply.

c. Interoffice Channels and Channel Terminals

The charges as specified in 'Sub-Voice Grade Service – Series 200' preceding apply.

/1/ Extension Services connected to InterLATA service is provided out of the Access Services Guidebook, Part 3, Section 7.

(C)
(C)

INTRALATA EXTENSION SERVICE^{/1/} (cont'd)

B. Rates (cont'd)

2. Sub-Voice Grade Services (cont'd)
 - d. Connecting Arrangements

A connecting arrangement rate of \$5.25 per month applies for each main station on a receiving only service which is connected by means of local interoffice and interexchange channels /AR2/.

^{/1/} Extension Services connected to InterLATA service is provided out of the Access Services Guidebook, Part 3, Section 7. (C) (C)

CUSTOMER OPERATING CENTER SERVICE**A. Regulations**

1. A customer who operates a Customer Operating Center requiring large, dedicated quantities of local channel types 101, 102, 415, 417, 420, 422, 423, or 428 between their location and its normal serving office may, at his option, subscribe to Customer Operating Center Service.
2. For the purpose of this offering, a Customer Operating Center is a customer premises:
 - a. operated by the customer over which the customer has control and provides security.
 - b. from which the customer furnishes and administers services to multiple patrons in a geographical area. The term "Patron" denotes a subscriber to the services offered by the operator of a Customer Operating Center.
 - c. at which a system, or a group of systems operated by the customer to receive signals and messages which are recorded, maintained, and supervised by the customer.
 - d. at which the customer has regularly scheduled observers, operators and/or equipment in attendance at all times which upon receipt of a signal or message from a patron, take such action as shall be required under the rules established by the customer for their/its guidance.
3. Ownership of facilities provided in accordance with this offering remains with the Company.

B. Method of Applying Rates

1. Recurring Monthly Rates
 - a. Dedicated cable - a monthly rate applies per cable of a specific quantity of pair and length.
 1. Cable sizes available are 100, 200, 300, 400, 600, 900, and 1200.
 2. The customer will provide the cable size he wishes to have dedicated to his use and agrees to payment of charges per each dedicated cable.
 3. Distances are measured in airline one quarter mile increments from the customer's operating center to its normal serving office. The maximum distance for this service is one mile.
 - b. Local Channel activated - a monthly charge per local channel activated also applies. This monthly charge and all associated Private Line Channel Charges are billable to the Customer Operating Center subscriber only and not his patron.
2. Service charges - are applicable:
 - a. per dedicated cable
 - b. per local channel activated, this charge and any other Private Line Channel Charges are billable only to the Customer Operating Center subscriber

CUSTOMER OPERATING CENTER SERVICE (cont'd)

B. Method of Applying Rates (cont'd)

3. Maximum Termination Liability
 - a. To the extent that there is no other requirement for use by the Company of facilities provided under this plan, a termination liability will apply for facilities furnished at the request of the customer between his premises and the normal serving office.
 - b. The termination liability period is 10 years.
 - c. The amount of the maximum termination liability is equal to the estimated amount for:
 1. Cost of the installed facilities provided including costs incurred for rearrangements of existing facilities and/or construction of new facilities as appropriate, less net salvage. Installed cost includes the cost of:
 - equipment and materials provided or used,
 - engineering, labor and supervision,
 - rights of way
 2. License preparation, processing and related fees.
 3. Any other items of expense associated with the particular situation.
 - d. The ten year maximum termination liability as described above applies per dedicated cable and is reduced by 1/120 for each month of the 10 year period that the cable is in service from the date it is placed in service for a specific customer.

CUSTOMER OPERATING CENTER SERVICE (cont'd)**C. Rates**

1. Recurring Monthly Rates

a. Per Dedicated Cable

	Within <u>1/4 Mile</u>	Within <u>1/2 Mile</u>	Within <u>3/4 Mile</u>	Within <u>1 Mile</u>
100 Pairs	\$505.00 /1LZ1A/	\$827.00 /1LZ1B/	\$1,171.00 /1LZ1C/	\$1,530.00 /1LZ1D/
200 Pairs	650.00 /1LZ2A/	1,042.00 /1LZ2B/	1,456.00 /1LZ2C/	1,892.00 /1LZ2D/
300 Pairs	779.00 /1LZ3A/	1,230.00 /1LZ3B/	1,703.00 /1LZ3C/	2,203.00 /1LZ3D/
400 Pairs	913.00 /1LZ4A/	1,424.00 /1LZ4B/	1,956.00 /1LZ4C/	2,520.00 /1LZ4D/
600 Pairs	1,214.00 /1LZ6A/	1,875.00 /1LZ6B/	2,563.00 /1LZ6C/	3,294.00 /1LZ6D/
900 Pairs	1,682.00 /1LZ9A/	2,569.00 /1LZ9B/	3,499.00 /1LZ9C/	4,482.00 /1LZ9D/
1,200 Pairs	2,198.00 /1LZCA/	3,343.00 /1LZCB/	4,547.00 /1LZCC/	5,821.00 /1LZCD/

CUSTOMER OPERATING CENTER SERVICE (cont'd)**C. Rates (cont'd)**

1. Recurring Monthly Rates (cont'd)

b. Per Intraexchange Local Channel Activated, by type of service

	Within <u>1/4 Mile</u>	Within <u>1/2 Mile</u>	Within <u>3/4 Mile</u>	Within <u>1 Mile</u>	Service Charge Per Circuit <u>Activated</u>
Type 101 <u>/1LMCZ/</u>	\$0.54	\$0.54	\$0.54	\$0.54	\$134.00
Type 102 <u>/1LMCZ/</u>	1.83	1.83	1.83	1.83	177.00
Type 415 <u>/1LLHZ/</u>	0.54	0.54	0.54	0.54	166.00
Type 417A <u>/1LJKZ/</u>	0.54	0.54	0.54	0.54	311.00
Type 417B <u>/1LJJZ/</u>	4.03	7.75	7.75	7.75	311.00
Type 420 <u>/1LMDZ/</u>	11.00	11.80	12.60	13.15	252.00
Type 422 <u>/1LMFZ/</u>	0.54	0.54	0.54	0.54	252.00
Type 423 <u>/1LMGZ/</u>	0.54	0.54	0.54	0.54	188.00
Type 428 <u>/1LMGZ/</u>	1.29	1.83	2.15	3.66	193.00

CUSTOMER OPERATING CENTER SERVICE (cont'd)**C. Rates (cont'd)**

1. Recurring Monthly Rates (cont'd)

c. Per Interexchange Local Channel Activated, by type of service

	Within <u>1/4 Mile</u>	Within <u>1/2 Mile</u>	Within <u>3/4 Mile</u>	Within <u>1 Mile</u>	Service Charge Per Circuit <u>Activated</u>
Type 102 <u>/1LMCZ/</u>	\$1.83	\$1.83	\$1.83	\$1.83	\$241.00
Type 415 <u>/1LLAZ/</u>	0.54	0.54	0.54	0.54	166.00
Type 417A <u>/1LJKZ/</u>	0.54	0.54	0.54	0.54	387.00
Type 417B <u>/1LJJZ/</u>	4.03	7.75	7.75	7.75	440.00
Type 420 <u>/1LMDZ/</u>	11.00	11.80	12.60	13.15	311.00
Type 422 <u>/1LMFZ/</u>	0.54	0.54	0.54	0.54	317.00
Type 423 <u>/1LMGZ/</u>	0.54	0.54	0.54	0.54	290.00
Type 428 <u>/1LMKZ/</u>	1.29	1.83	2.15	3.66	279.00

2. Service Charge

Per dedicated cable	\$100.00
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LOCAL AREA DATA SERVICE**A. Regulations**

In addition to the Regulations specified previously in this guidebook, the following regulation applies to these services:

- Provision of this service does not contemplate connection to the public switched message network

B. Description of Service

Local Area Data Service will provide subject to availability of facilities, channels suitable for baseband transmission of data signals between two points on the same premises or different premises within the same serving office area. Service is limited to points that are not more than six (6) cable route miles apart, as determined by the Company, using normal cable routing between the points to be served. Service is offered only for balanced transmission of data signals conforming to the signal power limitations and other parameters specified in the applicable Bell System Technical Reference.

1. Local Area Data Service channels require use of nonloaded cable facilities. In the event that only loaded facilities are available, the Company will at the customer's request, de-load facilities as specified under the Special Construction provisions found in paragraph D.3 in Part 15, Section 1.
2. Such channels are available in three types as follows:

Type 980 - 2-wire interface with effective 2-wire facilities for use with customer provided equipment with the transmission characteristics specified in B.3 following and the applicable Bell System Technical Reference.

Type 981 - 4-wire interface with effective 4-wire facilities for use with customer provided equipment with the transmission characteristics specified in B.3 following and the applicable Bell System Technical Reference.

3. Transmission specifications for Types 980 and 981 are dependent upon the route length of the facilities utilized to provide the service as follows:

<u>Maximum End-to-End Facility Length In Route Miles</u>	<u>Maximum Insertion Loss at 1000 Hz. in dB^{/1}</u>
1	9.0
2	13.5
3	17.0
4	20.0
5	23.0
6	25.5

/1/ Insertion loss is referenced to 135 OHM resistive terminations at each end.

LOCAL AREA DATA SERVICE (cont'd)**C. Rates**1. Two-Point Service, same building, same premises^{/1}

	<u>USOC</u>	<u>Monthly Rate</u>
Type 980.....	1LMGB	\$13.95
Type 981.....	1LMGB, 1L6GB	27.95

2. Two-Point Service where the points are on different premises and are within the same building

..... 1LMFC, 1LLSC Equivalent to Type 101

3. Two-Point Service, different building, same premises^{/1}

	<u>USOC</u>	<u>Monthly Rate</u>	
		<u>First 1/10 Mile</u>	<u>Additional 1/10 Mile</u>
Type 980.....	1LMGC	\$16.10	\$0.91
Type 981.....	1LMGC, 1L6GC	32.25	1.83

4. Two-Point Service, local channel, each
Per termination on a premises; different building, different premises

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Service Charge</u>
Type 980.....	1LMGJ	\$27.40	\$188.00
Type 981.....	1LMGJ, 1L6GJ	54.25	188.00

^{/1}/ Obsolete - Applicable to existing customers at existing locations for existing facilities.

SIGNALING ARRANGEMENTS**A. Signaling Arrangements**

	<u>USOC</u>	Monthly Rate	Service Charge
1. Key Selector Signaling			
For signaling individual stations, or predetermined groups of stations by means of a signaling key ^{/1/}			
- Per station equipped to send signals ^{/2/} L3Z		\$15.55	\$0.00
- Per station, or predetermined groups of stations within an exchange, equipped to receive a given signal W5U		96.75	0.00
The nonrecurring charge does not apply for a signal control arrangement installed at the same time as the audible or visual signal with which it is associated.			
2. Signaling Options per point of termination for the capability to accommodate manual signaling on private line service utilizing Type 420, 422, 423, 425 and 435 local channels. ^{/3/}			
Interexchange IntraLATA			
Manual.....	J1B	22.30	80.50
Automatic.....	J1A	16.10	80.50
Intraexchange			
With Interoffice Channel			
Manual.....	J1B	13.70	80.50
Automatic.....	J1A	9.90	80.50
Without Interoffice Channel			
Manual.....	J1BWO	7.50	80.50
Automatic.....	J1AWO	9.95	80.50

3. Rules and Regulations

- The type A, B and C Loop Signaling Arrangements for station ports of a premises PBX (or similar) switching system and the E&M Signaling Arrangement for tie-lines are furnished for grandfathered and registered PBXs in accordance with Part 68 of the FCC Rules and Regulations.
- For connections to registered PBX (or similar) equipment, customer must specify the equipment capability of their registered equipment.

^{/1/} This arrangement is limited to a maximum of ten such stations or groups of stations on a service.^{/2/} Obsolete – Applicable to existing installations at existing locations for existing customers.^{/3/} Automatic signaling is not available for multipoint channels. Signaling options for Type 420 and 422 local channels are obsolete - existing installations at existing locations for existing customers.

SIGNALING ARRANGEMENTS (cont'd)

A. Signaling Arrangements (cont'd)

3. Rules and Regulations (cont'd)
 - c. Customer with grandfathered customer-provided PBX (or similar) equipment may, at their option:
 - Continue to provide their own off-premises station signaling capability and utilize only the type 428 channel.
 - Request that off-premises station signaling capability be provided by the Company. Where this option is selected, the customer must specify his equipment signaling capability.
 - d. Based on information provided by the customer, the Company will furnish the appropriate signaling arrangement. Where the requested signaling arrangement is furnished and determined to be of a lesser signaling range than required, and the customer requests the Company to furnish another signaling arrangement, such request will be treated as a new request for service and appropriate nonrecurring charges will apply.

SIGNALING ARRANGEMENTS (cont'd)**A. Signaling Arrangements (cont'd)**

	<u>USOC</u>	Monthly Rate	Service Charge
4. Signaling Options per point of termination limited to two-point service only for the capability to accommodate signaling on private line service utilizing Type 400 Local Channels indicated below			
a. Interexchange			
E & M Type Signaling			
Type 423 ^{/2/} SLM23 \$24.70 \$80.50			
Type 424 SLM24 13.40 80.50 ^{/1/}			
Type 425 ^{/2/} SLM25 29.50 80.50			
Loop Signaling, capable of operation over loops with resistance of 900 ohms or more ^{/2/}			
Type 423 SLL23 9.40 80.50			
Loop Signaling, capable of operation over loops with resistance of less than 900 ohms ^{/2/}			
Type 423 SLLC3 11.25 80.50			
Loop Signaling Options per Local Channel on Type 428 when associated with station ports of a premises switching system			
Where customer premises equipment is capable of operation over loops with resistance in the range of ...			
Type A, 0-199 ohms SALAS 6.70 80.50 ^{/1/}			
Type B, 200-899 ohms SAUBS 4.09 80.50 ^{/1/}			
Type C, 900 ohms or more SAYCS 1.61 80.50 ^{/1/}			

/1/ Service Charge applies only if signaling option is installed subsequent to initial installation of the local channel.

/2/ Obsolete - existing installations at existing locations for existing customers.

SIGNALING ARRANGEMENTS (cont'd)**A. Signaling Arrangements (cont'd)**

		Monthly Rate		
		Without Interoffice	With Interoffice	Service Charge
4. (cont'd)				
b. Intraexchange				
	E & M Type Signaling			
Type 420 ^{/3/}	.....	\$16.10		\$80.50
Type 423 ^{/3/}	.....	16.10	\$19.85	80.50
Type 424 ^{/2/}	.....	7.75	10.20	80.50 ^{/1/}
Type 425 ^{/3/}	.....	22.00	23.90	80.50
Type 428	.....	15.85	SLM25	
		SLMW8		
	Loop Signaling, where customer premises equipment is capable of operation over loops with resistance of 900 ohms or more ^{/3/}			
Type 423	.....	3.55	6.70	80.50
	SLLW3	SLL23		
	Loop Signaling, where customer premises equipment is capable of operation over loops with resistance of less than 900 ohms ^{/3/}			
Type 423	.....		8.05	80.50
	SLLC3			
	Loop Signaling Options per Local Channel on Type 428 when associated with station ports of a premises switching system			
	Where customer premises equipment is capable of operation over loops with resistance in the range of ...			
Type A, 0-199 ohms	.....	7.50	9.10	80.50 ^{/1/}
	SALAL	SALAW		
Type B, 200-899 ohms	.....	7.95	7.75	80.50 ^{/1/}
	SAUBL	SAUBW		
Type C, 900 ohms or more	.....	3.55	6.70	80.50 ^{/1/}
	SAYCL	SAYCW		

/1/ Service Charge applies only if signaling option is installed subsequent to initial installation of the local channel.

/2/ Signaling charges are not applicable for on-premises channels /SLMNC/.

/3/ Obsolete - existing installations at existing locations for existing customers.

CHANNEL CONDITIONING**A. Rates**

	<u>USOC</u>	Monthly Rate	Service Charge
1. Type C1			
Per station			
Two-point not arranged for switching	P2W	\$6.85	\$96.75
Two-point arranged for switching to another two-point channel	P2X	12.35	96.75
Multi-point channel	P3G	13.75	96.75
2. Type C2			
Per station			
Two-point not arranged for switching	P3HC2	27.50	102.00
Two-point arranged for switching	P3J	41.25	102.00
Multi-point channel	PH9	41.25	102.00
3. Type C4			
Per station			
Two-point channel	P4G	48.15	102.00
Three- or four-point channel.....	6DU	61.90	102.00
4. Type C5			
Per station			
On a two-point channel not arranged for switching..	UHD	68.75	102.00
5. Type D1 ^{/1}			
Per station			
Two-point channel not arranged for switching	QHA	8.20	96.75

/1/ Available only where facilities and conditions permit.

AT&T ARKANSAS GUIDEBOOK

PART 15 - Dedicated Communications Services
SECTION 2 - Channel / Analog Private Line (APL) Services

1st Revised Sheet 42
Replacing Original Sheet 42

(D)

ALTERNATE USE ARRANGEMENTS**A. Voice Grade Services**

1. Channels furnished by the Company in connection with Voice Grade Services may be used on an alternate basis with either Voice Grade Services and Sub-Voice Grade Services. The monthly charge for local channels, interoffice channels and interexchange channels will be the higher of the two uses. Only one type of operation can be used at one time.

Alternate Use is available on two-point services, on services involving more than two points, alternate use will be permitted where facility conditions permit.

2. Alternate Use Charges

<u>USOC</u>	<u>Monthly Rate</u>	<u>Service Charge</u>
a. With channels for remote metering supervisory control and miscellaneous signaling purposes		
- Channel termination, per station including switching key..... 3AM	\$1.61	\$3.23
- Including connection of customer provided punch-card equipment, per station (includes one switching key) TYM, TYU, TYK	31.15	0.00
b. For data transmission up to 150 baud per data transmission station connected for alternate use. Includes key to transfer between the telephone termination and data termination 37R, GHH	31.15	0.00

B. Sub-Voice Grade Services

1. The Company will provide half-duplex sub-voice grade service on an alternate use basis with other sub-voice grade services. Only one type of operation can be used at one time. The monthly charge for local channels, interoffice channels and interexchange channels will be the higher of the two uses.

2. Alternate Use Charges

- A rate of \$1.61 /TYX, TYO, TYW/ and a nonrecurring charge of \$3.23 apply for each station equipped for alternate use (includes a switching key).
- A rate of \$31.15 per month /TYU, TYM, TYK/ applies where the alternate use includes the connection of customer provided punched card equipment per station (includes a switching key).
- Special charges will apply for the additional facilities required for alternate use to more than two points.