PRIVATE LINE SERVICE

		Sheet	
20.1	GENERAL	1	
20.2	INTRAEXCHANGE SERVICE	1	
20.2.1	General	1	
20.2.2	Rates and Charges	1	
20.2.3	Concurrence	2	
20.2.4	Conditions	2	
20.3	INTEREXCHANGE SERVICE	2	(C)
20.3.1	General	2	
20.3.2	Application	3	(N)
20.3.3	Rate Categories	3	
20.3.4	Service Configurations	4	
20.3.5	Special Routing of IntraLATA Channels	5	
20.3.6	Service Descriptions	6	
20.3.7	Rate Regulations	23	
20.3.8	Rates and Charges	29	
20.3.9	MegaLink® Service	40	
20.3.10	Optional Payment Plan	55	
20.3.11	SynchroNet® Service	63	
20.3.12	Custom Network Service	84	(N)
20.4	RADIO PROGRAM TRANSMISSION CHANNELS	92	(C)
20.5	EXCEPTIONS	92	(C)

(D)

PRIVATE LINE SERVICE

20.1 General

a. Private line telephone service is the provision of facilities and channels not switched through a central office, to enable a customer to communicate between specified locations. All facilities required for this service are furnished to the Telephone Company on a full-period service basis only.

b. The channels provided under this section are not furnished for the commercial transmission of communications between exchanges nor for the use in competition with any form of service rendered by the Telephone Company or its connecting companies.

c. The rates specified herein are applicable where facilities are available and when standard transmission voice grade circuits can be obtained without the use of special equipment. If, for operating reasons, special equipment is required to render satisfactory service, such special equipment shall be charged for.

20.2 Intraexchange Serviced

20.2.1 General

Channels provided herein are for voice grade transmission and may be used either for the transmission of voice or signal.

For service requiring two or more cable pairs connected to the central office, each cable pair will be considered a local channel.

20.2.2 Rates -

		Monthly Rate	Service Charges	
a.	Local Channels			
(1)	First 1 mile or fraction thereof, route measurement, each	$ 4.75	See Section 4	(T)
(2)	Each additional 1/4 mile or fraction thereof, route measurement	$ 1.75	See Section 4	(T)

PRIVATE LINE SERVICE

20.2 Intraexchange Service (Cont'd)

20.2.3 Concurrence

For intraexchange private line services and channels not described in Section 20. 2. 2, Contel of South Carolina, Inc., d/b/a GTE (South Carolina) assents to, adopts and concurs with the rates, regulations and conditions applicable to interexchange private line services and channels, and resale of these services as filed in this Tariff. This concurrence will apply to all intraexchange facilities, both intercompany and intra-company. (C)

20.2.4 Conditions

a. This Company's service responsibility is limited to that furnished by its own facilities.

20.3 Interexchange Private Line Service (C)
(D)

20.3.1 General (C)

a. Channel Services provided under the provisions of this Tariff are offered for IntraLATA Services only. Services consisting of Local Channels, Interoffice Channels, and Optional Features and Functions are classified by series. The various series are sub-divided into different types and are described in terms of circuit characteristics and use.

b. Customers may order local channels which are designed to meet specific communications requirements. The customer is responsible for determining that his terminal equipment is compatible with the service provided by the Company.

c. Where multi-point service is furnished, the local channels are bridged in the wire center.

d. Dedicated circuits between the customer's interLATA Electronic Tandem Switching (ETS) functions and the customer's other location(s) within the same LATA will be provided from this Tariff. Where this service is provided by the Company as a feature of Centrex service, the transport of traffic between the ETS function and the basic service function may be performed by the Company's network switching facilities. (C)

(D) The concurrence statement formerly appearing on this page has been deleted. (N)

ISSUED: March 25, 1994
BY: Vice President
Durham, North Carolina

EFFECTIVE: April 26, 1994

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd) (C)

20.3.2 Application

a. The rates and charges specified herein apply for all IntraLATA Private Line services provided by the Company.

20.3.3 Rate Categories

a. Following are the basic rate categories which apply to Private Line service.

(1) Local Channels

(a) A local channel provides for a communications path between the demarcation point at a customer premises and the serving wire center of that premises. One local channel charge applies per channel termination.

(b) When service is provided by non-wire center connected channels, a non-wire center connected channel charge applies in lieu of local channel charges.

(2) Interoffice Channels

(a) This rate category provides for the transmission facilities between serving wire centers associated with two customer premises, between serving wire centers associated with a customer premises and a Company hub, or between two Company hubs.

(b) Interoffice mileage is portrayed in mileage bands. A flat rate and a rate per mile applies to each band. For method of determining mileage, see 20.3.7c.

(3) Non-Wire Center Connected Channels

(a) Served Direct channels are provided on a direct basis and are limited to one airline mile in length. These channels will be provided only at the option of the Company.

(C)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd) (C)

20.3.3 Rate Categories (Cont'd)

a. (Cont'd)

(4) Optional Features and Functions

(a) This rate category provides for features and functions which may be added to a service to improve its quality or utility to meet specific communications requirements. These are not necessarily identifable with specific equipment, but rather represent the end result in terms of the performance characteristics which may be obtained. This category includes (.1) and (.2) following:

(.1) Hub Functions - A hub is a Company designated wire center where bridging or multiplexing functions are performed i.e., connecting three or more customer premises in a multipoint arrangement or channelizing analog or digital services requiring a lower capacity or bandwidth.

(.2) Provides for such things as signaling, conditioning, transfer arrangements, protection switching, etc.

20.3.4 Service Configurations

a. There are two types of service configurations which can be provided. These are described as follows:

(1) Two-Point Service

A two-point service connects two customer premises either directly through a serving wire center(s) or through a Company hub where additional functions are performed.

(2) Multipoint Service

(a) Multipoint service connects three or more customer premises through a Company hub. (C) (M)

(M) Material previously appearing on this page has been transferred to Sheet 92. (N)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.4 Service Configurations (Cont'd) (N)

a. (Cont'd)

(2) Multipoint Service (Cont'd)

(b) There is no limitation on the number of mid-links available with multipoint service. However, when more than three mid-links are provided in tandem, the quality of the service may be degraded. A mid-link is a channel between hubs (i.e., bridging locations).

(c) Voice Grade (Series 2000) Multipoint Channel services for data use have a limit of 6 two-wire facility type local channels or 20 four-wire facility type local channels when used with customer-provided station equipment. These units do not apply to Dataphone® Select-A-Station Service or Telemetry/Alarm Bridging Service (TABS).

(d) Only certain types of service are available for multipoint applications. These are so designated in the service descriptions set forth in 20.3.6 following.

20.3.5 Special Routing of IntraLATA Channels

a. The private line services furnished in this Tariff are provided over such routes as the Company may elect.

b. Special routing is involved where, in order to comply with requirements specified by the customer, the Company furnishes the private line service in a manner which including one or both of the following conditions:

(1) Where two or more private lines must be furnished over different physical routes.

(2) Where a private line must be furnished on a route which avoids specified geographical locations.

c. When special routing of services is furnished a customer, the rates will be determined on an individual case basis.

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.6 Service Descriptions (N)

a. Voice Grade Service - Series 2000

(1) Series 2000 voice grade service provides for voice and/or data communications on a two point or multipoint basis for service 7 days per week, 24 hours per day, for a minimum period of one month. These channels may also be furnished on a link (partial channel) basis when connected to services such as MegaLink® channel service and/or LightGate® service. Channels which provide Tie Line Service will not be furnished to connect a flat rate system with a message rate system. The transmission characteristics and various types of services furnished within this Series are described in (2) and (3) following.

(2) Basic parameters and specifications for Series 2000 voice grade service are described for the end to end operation as follows:

Basic Parameters	For Speech Application	For Data Application
Net Loss	Local Channels used with terminal equipment: Limit as specified in the following Local Channel descriptions. Losses or gains present in CPE have not been included.	
DC Resistance	Local Channel limit as specified in the following Local Channel descriptions. Does not imply or guarantee end to end DC continuity.	
Frequency Error	Plus or Minus 5 Hz	Plus or Minus 5 Hz
Frequency Response	(Referenced to 1000 Hz Loss)	
300 - 3000 Hz	-3dB to + 12dB	-3dB to + 12dB
500 - 2500 Hz	-2dB to + 8dB	-2dB to + 8dB
Envelope Delay Distortion		
800 - 2600 Hz	Not Controlled	Less than 1,750 Microseconds (N)

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PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.6 Service Descriptions (Cont'd) (N)

a. Voice Grade Service - Series 2000 (Cont'd)

(2) (Cont'd)

Basic Parameters	For Speech Application	For Data Application
C-Notched Noise (with a -13dBm0 1000 Hz Test Signal)	Not Controlled	Noise level 24dB below signal level
Impulse Noise	Not Controlled	15 Counts in 15 minutes at a threshold of 6 dB below a -13dBm0 rms 1000 Hz Signal
Phase Jitter	Not Controlled	10 degrees peak to peak
Non-Linear Distortion		
2nd Order Distortion	Not Controlled	25dB below signal level
3rd Order Distortion	Not Controlled	30dB below signal level (N)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.6 Service Descriptions (Cont'd) (N)

a. Voice Grade Service - Series 2000 (Cont'd)

(3) Transmission parameters for voice grade service are described following:

(a) Type 2230 - A two-wire interface with effective two-wire facilities engineered for a 1004 Hz net loss of 0 to 10dB. Generally furnished for voice transmission - Private Line Telephone, Mobile Radio Telephone, or Supervisory Control Use. Multipoint service may be provided at charges specified in 20.3.8 following.

(b) Type 2231 - A two-wire interface with two or four-wire facilities engineered for a 1004 Hz net loss of 0dB to 4.5dB. This is generally used for PBX (or similar system) main or extension station services. Signaling is required for this service.

(c) Type 2432 - A two or four-wire interface with effective four-wire facilities engineered for tie line service use between PBX's or customer-provided communications systems. Signaling is required for this service.

(d) Type 2434 - A two or four-wire interface for connection to the serving wire center where loop facilities are not required. This channel is suitable for tie line service (with E&M signaling) between Centrex Systems and may be connected with Type 2432 local channels.

(e) Type 2435 - A four-wire interface with effective four-wire facilities engineered for a 1004 Hz net loss of 0 to 16db. Generally furnished for voice transmission. Multipoint service may be provided at charges specified in 20.3.8 following.

(f) Type 2260 - A two-wire[1] interface with effective two-wire facilities engineered for a 1004 Hz net loss of 16dB. Generally used in the provision of low speed (1200 baud or less) half duplex data services.

Note 1: Transmission data characteristics can only be met and guaranteed for the two-wire interface when the airline distance from the serving wire center to the customer's premises is one mile or less and the interoffice channel is not greater than 4 airline miles between serving wire centers. (N)

20.3 Interexchange Private Line Service (Cont'd)

20.3.6 Service Descriptions (Cont'd) (N)

a. Voice Grade Service - Series 2000 (Cont'd)

(3) (Cont'd)

(g) Type 2261 - A two-wire interface with effective two-wire facilities engineered for use in Dataphone® Select-A-Station Service or Telemetry/Alarm Bridging Service (TABS).

(h) Type 2462 - A four-wire interface with effective four-wire facilities engineered for use in Dataphone® Select-A-Station Service, or Telemetry/ Alarm Bridging Service (TABS).

(i) Type 2463 - A four-wire interface with four-wire facilities engineered for a 1004 Hz net loss of 16dB. Generally used in the provision of analog data services. Multipoint service may be provided at charges specified in 20.3.8 following.

(j) Type 2464 - A two-wire interface with four-wire facilities engineered for a 1004 Hz net loss of 16dB. Generally used in the provision of analog data services. Multipoint service may be provided at charges specified in 20.3.8 following.

(4) Signaling Arrangements

(a) Off Premises Stations

(.1) For use with PBX (or similar system) off-premises channels for terminal equipment. Signaling arrangements are furnished for grandfathered and registered PBX (or similar) systems in accordance with Part 68 of the FCC Rules and Regulations or for customer-provided communications systems not subject to Part 68 of the FCC Rules and Regulations.

Type A - Furnished for use with Class A PBX (or similar) system station ports capable of operation over loops with resistance in the range of 0-199 ohms.

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.6 Service Descriptions (Cont'd) (N)

a. Voice Grade Service - Series 2000 (Cont'd)

(4) Signaling Arrangements (Cont'd)

(a) Off Premises Stations (Cont'd)

(.1) (Cont'd)

Type B - Furnished for use with Class B PBX (or similar) system station ports capable of operations over loops with resistance in the range of 200-899 ohms.

Type C - Furnished for use with Class C PBX (or similar) system station ports capable of operation over loops with resistance in the range of 900 ohms or more.

(.2) For connections to registered or grandfathered PBX (or similar) system equipment, the customer must specify the equipment capability for use with Type A, B, or C Signaling Arrangements.

(b) Tie Lines

(.1) E&M signaling is provided for use with tie line channels with E&M signaling interfaces. Signaling Arrangements are furnished for grandfathered and registered PBX's in accordance with Part 68 of the FCC Rules and Regulations or for customer-provided communications systems not subject to Part 68 of the FCC Rules and Regulations.

- An E&M Signaling Arrangement is required for each tie line termination, operating in a Dial Repeating mode, at a customer's premises with a registered PBX.

- An E&M Signaling Arrangement is required for each tie line termination at a customer's premises with grandfathered PBX's when the tie line is arranged with an E&M signaling interface. (N)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.6 Service Descriptions (Cont'd) (N)

a. Voice Grade Service - Series 2000 (Cont'd)

(4) Signaling Arrangements (Cont'd)

(b) Tie Lines (Cont'd)

(.1) (Cont'd)

- An E&M signaling Arrangement is required with Types 2432 and 2434 channels for additions to or for new installations of grandfathered PBX equipment when not arranged with an E&M signaling interface.

- An E&M Signaling Arrangement is required for each Type 2432 or 2434 channel termination at a customer's premises with a customer-provided communications system not subject to Part 68 of the FCC Rules and Regulations when arranged with an E&M signaling interface.

(5) Dataphone® Select-A-Station Service

(a) Dataphone® Select-A-Station Service is a multistation, voice grade private line data system designed to establish point-to-point connections rapidly between a master station and a number of remote stations one at a time. Direct transmission between remote stations is not possible, nor is simultaneous communications from the master to more than one remote station possible.

(.1) Regulations

The regulations specified herein are in addition to the regulations contained in Section 2 of this Tariff.

(.a) Dataphone® Select-A-Station Service requires the use of equipment as described herein and type 2261 or 2462 voice grade local channels as described in 20.3.6a.(3).

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.6 Service Descriptions (Cont'd) (N)

a. Voice Grade Service - Series 2000 (Cont'd)

(5) Dataphone® Select-A-Station Service (Cont'd)

(a) (Cont'd)

(.1) Regulations (Cont'd)

(.b) The Company wil furnish, subject to availability of facilities, DataPhone® Select-A-Station Service channels suitable for voice grade data transmission.

(.c) Dataphone® Select-A-Station channels are not provided for alternate voice-data transmission or DC continuity.

(.d) The customer shall provide terminal equipment in accordance with interface specifications as described in Technical Reference PUB 41014. "Data Communication Using Dataphone® Select-A-Station Service."

(.2) A Primary Data Station Selector, PDSS, provides the connection between the master station and any one of up to 128 (125 for addressable operations) two-wire or four-wire voice grade data channels. Where more than one DSS is required, the DSS that is directly connected to the master station (SCU) is termed the Primary Data Station Selector (PDSS). Additional DSS's designated Secondary Data Station Selectors (SDSS) connected to the PDSS, may be provided.

(.3) A Selector Control Unit, SCU, will be provided at the master station location. The SCU is used by the customer to transmit control and/or address signals to the DSS's and to receive supervisory signals from DSS's. (N)

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PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.6 Service Descriptions (Cont'd) (N)

a. Voice Grade Service - Series 2000 (Cont'd)

(5) Dataphone® Select-A-Station Service (Cont'd)

(a) (Cont'd)

(.4) Dataphone® Select-A-Station Service arranged for the sequential mode of operation requires customer specification, prior to installation, of the order of connections from the DSS to the remote stations. The customer also must specify one of the following three DSS options to accommodate customer operating procedures and circuit structure.

(.a) Automatic Step[1]

A DSS option in which the duration and order of connections are fixed.

(.b) Automatic Step with Reset[1]

A DSS option in which the duration and order of connections are fixed, but the DSS will reset to the beginning of the connection cycle upon command from the master station.

(.c) Controlled Step

A DSS option which allows the customer to have in-service control over the duration of the connection. However, the order of connection is fixed.

(.5) Dataphone® Select-A-Station Service arranged for addressable operation provides for the duration and order of connections to be variables, controlled by the master station.

Note 1: A DSS optioned for automatic step or automatic step with reset cannot be connected to a secondary DSS.

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.6 Service Descriptions (Cont'd) (N)

a. Voice Grade Service - Series 2000 (Cont'd)

(5) Dataphone® Select-A-Station Service (Cont'd)

(a) (Cont'd)

(.6) Access from the PDSS to the SCU is obtained through a Type 2462 local channel. PDSSs located outside of the serving wire center where the SCU is located will require voice grade interoffice channels at charges as contained in 20.3.8 of this Tariff.

(.7) Access to each remote station from the DSS is obtained through a Type 2261 or 2462 local channel. Remote stations located outside of the serving wire center where the DSS is located will require voice grade interoffice channels at charges as contained in 20.3.8 of this Tariff.

(.8) Access to each SDSS from the PDSS is obtained through a Type 2261 or 2462 local channel. A SDSS located outside of the serving wire center where the PDSS is located will require voice grade interoffice channels at charges as contained in 20.3.8 of this Tariff.

(6) Telemetry/Alarm Bridging Service (TABS)

a. Regulations

(.1) This Tariff section contains the regulations applicable for Telemetry/Alarm Bridging Service (TABS).

(.2) Except as otherwise specified following, the regulations contained herein are in addition to the regulations found in other sections of this Tariff.

(.3) TABS requires the use of equipment as specified herein and Type 2261 or 2462 voice grade local channels described in 20.3.6a.(3) preceding.

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.6 Service Descriptions (Cont'd) (N)

a. Voice Grade Service - Series 2000 (Cont'd)

(6) Telemetry/Alarm Bridging Service (TABS) (Cont'd)

(a) Regulations (Cont'd)

(.4) Terminal equipment provided by the customer for use with TABS must meet specifications for such customer-provided equipment found in other sections of this Tariff.

(.5) No more than 128 remote stations may be connected to a master station over an individual Split Band Active Bridge.

(.6) In Split Band Active Bridging arrangements, secondary bridges must be directly connected to the primary bridge via mid-link channels. Secondary bridges cannot be connected through other secondary bridges to allow additional layers of tandeming.

(.7) Secondary bridges, utilized in Split Band, Activate Bridging arrangements, reduce the two-wire remote station capacity of the primary bridge. The initial secondary bridge reduces the primary bridge capacity by twelve two-way remote station connections. Each subsequent secondary bridge reduces the primary bridge capacity by four additional two-wire remote station connections.

(.8) Standard multipoint bridging charges as provided in other sections of this Tariff are not applicable to TABS.

(.9) Access over four-wire master station channels for Split Band Active Bridging is provided using a Type 2462 local channel.

(.10) Access over remote station channels is provided through a Type 2261 local channel and through the appropriate channel connection as contained in 20.3.8d.(1)(a)(.5) following. Interconnections of remote stations located outside the serving wire center where the bridge to which they are to be connected is located will require interoffice channels at charges contained in 20.3.8 of this Tariff.

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.6 Service Descriptions (Cont'd) (N)

a. Voice Grade Service - Series 2000 (Cont'd)

(6) Telemetry/Alarm Bridging Service (TABS) (Cont'd)

(a) Regulations (Cont'd)

(.11) Access over each four-wire mid-link channel for Split Band Active Bridging is through voice grade interoffice channels at charges contained in 20.3.8 of this Tariff. Additionally, mid-link channel connections are required as described in 20.3.8d.(1)(a)(.5) following.

(b) Service Description

(.1) Telemetry/Alarm Bridging Service is a multi-station, voice frequency, private line service designed to provide connection between a master station and a number of remote stations simultaneously. Direct transmission between remote stations is not intended. This service is intended for application in multipoint, voice frequency, data or tone signaling arrangements with transmission at rates up to 400 baud.

(.2) TABS is provided in the following arrangement:

Split Band, Active Bridging - A bridging arrangement providing for a four-wire (master station or mid-link channel) frequency split common port and multiple two-wire (remote station) ports intended for application in multipoint, voice frequency, data or tone signaling arrangements. Two-way (polling) communication between the master station and each remote station is intended. (N)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.6 Service Descriptions (Cont'd) (N)

b. Wired Music Service - Series 6000

(1) Series 6000 private line service provides for one way radio transmission for use in connection with loudspeaker and sound recording equipment. Channels are furnished for operation on a two point or multipoint basis for service 7 days per week, 24 hours per day, for a minimum period of one month. These channels are arranged for use with customer-provided station equipment only.

(2) Channels for audio and wired music are furnished only directly to the customer originating the program material. The Company does not allocate charges between, nor collect charges from the patrons of the customer. The customer is responsible for the payment of all charges for channels furnished to him by the Company.

(3) Audio Channels

(a) Audio private line channels are specially equipped channels provided for the closed circuit (non-broadcast) transmission of voice and music signals in one direction only for operation on a two-point basis.

(b) Any of the following arrangements may be provided as a two-point audio private line service:

(.1) Two local channels in the same wire center area connected together at the serving central office.

(.2) Two local channels not in the same wire center area connected by an interoffice channel.

(.3) One local channel feeding a music distribution amplifier when the music source is in the same wire center area as the distribution amplifier.

(.4) One local channel and an interoffice channel feeding a music distribution amplifier when the music source is not in the same wire center area as the distribution amplifier.

(.5) One interoffice channel connecting music distribution amplifiers in different wire center areas. (N)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.6 Service Descriptions (Cont'd) (N)

b. Wired Music Service - Series 6000 (Cont'd)

(3) Audio Channels (Cont'd)

(c) The various types of services furnished as audio channels are described as follows:

(.1) Type 6210 - A two-wire interface with effective two-wire facilities without equalization or specified transmission loss which provides for connection from the wired music studio. Signaling applied by customer-provided equipment must be within the criteria as described in the Technical Reference "Transmission Specifications for Private Line Metallic Circuits" (Pub 43401).

(.2) Type 6211 - A two-wire interface with effective two-wire facilities engineered for a 1000 Hz maximum loss of 12dB without equalization.

(.3) Type 6212 - A two-wire interface engineered for a 1000 Hz maximum loss of 12dB and equalized to + or -1dB of the 1000 Hz loss from 100 to 5000 Hz.

(.4) Type 6213 - A two-wire interface engineered for a 1000 Hz maximum loss of 12dB and equalized to + or -1dB of the 1000 Hz loss from 50 Hz to 8000 Hz.

(4) Wired Music Multipoint Distribution Channels

(a) Wire music multipoint distribution private line channels are specially equipped channels provided for closed circuit (non-broadcast) transmission of voice and music signals in one direction only for operation on a multipoint basis. (N)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.6 Service Descriptions (Cont'd) (N)

b. Wired Music Service - Series 6000 (Cont'd)

(4) Wired Music Multipoint Distribution Channels (Cont'd)

(b) A wired music multipoint distribution service consists of one or more distribution amplifiers feeding multiple wired music local channels within a wire center area. Local channels and interoffice channels required to connect the music source to the wired music multipoint distribution system or to connect distribution amplifiers in separate wire centers are provided as two point audio channels.

(.1) Distribution amplifiers provided by the Company are required to receive signals from a source provided by the customer and to transmit the appropriate signal level to the multiple wired music local channels which the amplifiers may feed. Distribution amplifiers are provided at the serving wire center.

(.2) Wired music local channels are furnished within a wire center area between the premises of the patrons of the wired music service and the distribution amplifier located in the serving wire center.

(c) The various types of services furnished as wired music channels are described as follows:

(.1) Type 6214 - A two-wire interface with effective two-wire facilities without equalization or specified transmission loss which provides for connection to the wired music patron's location. Signaling applied by customer-provided equipment must be within the criteria as described in the Technical Reference "Transmission Specifications for Private Line Metallic Circuits" (PUB 43401).

(.2) Type 6215 - A two-wire interface with effective two-wire facilities engineered for a 1000 Hz maximum loss of 14dB without equalization. (N)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.6 Service Descriptions (Cont'd) (N)

b. Wired Music Service - Series 6000 (Cont'd)

(4) Wired Music Multipoint Distribution Channels (Cont'd)

(c) (Cont'd)

(.3) Type 6216 - A two-wire interface engineered for a 1000 Hz maximum loss of 14dB and equalized to + or -4dB of the 1000 Hz loss from 100 to 5000 Hz.

(.4) Type 6217 - A two-wire interface engineered for a 1000 Hz maximum loss of 14dB and equalized to + to -4dB of the 1000 Hz loss from 50 Hz to 8000 Hz.

c. Commercial Quality Video - Series 7000

(1) Series 7000 Commercial Quality Video private line service provides for video transmission for non-broadcast use. Channels are furnished for operation on a two-point arrangement on a daily or monthly basis. These channels are available for use with customer-provided station equipment only.

(2) Commercial Quality Video Service provides a video channel with one-way transmission capability for a standard 525-line/60-field monochrome or National Television Systems Committee (NTSC) - System M video signal. This service includes two 12 KHz associated audio signals. Commercial Quality Video Service is available for local channels and for associated interoffice channels. This video service is visually comparable to broadcast quality video, but has less stringent technical parameters.

Commercial Quality Video is available in two configurations - a Single Channel Video Service and a Multiple Channel Video System. Different rates and charges apply for the two configurations. (N)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.6 Service Descriptions (Cont'd) (N)

c. Commercial Quality Video - Series 7000 (Cont'd)

(2) (Cont'd)

The Single Channel Video Service is available for customers who require one video signal between two end locations. The Multiple Channel Video System is available for customers who require several video signals in the same direction and between the same two end locations. The Multiple Channel Video System is available with a minimum of one video channel and a maximum of sixteen.

The Multiple Channel Video System is available on a monthly basis only. The Single Channel Video Service is available on both a monthly and a daily basis.

For each video channel, whether a Single Channel Video Service or in a Multiple Channel Video System, both a Transmit element and a Receive element are required. Also, on the Multiple Channel Video System, both a Transmit and a Receive System element are required.

Two-way, interactive service may be provided by combining two one-way Single Channel Video Services or by combining two one-way Multiple Channel Video Systems.

(3) A customer wishing to change from a Single Channel Video Service to a Multiple Channel Video System must disconnect the Single Channel Video Service and order a Multiple Channel Video System incurring all associated nonrecurring charges.

A customer served by a Multiple Channel Video System may choose to activate one video channel. However, if a customer served by a Multiple Channel Video System chooses to change to a Single Channel Video Service the Multiple Channel Video System must be disconnected and a Single Channel Video Service ordered with all associated nonrecurring charges incurred. (N)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.6 Service Descriptions (Cont'd) (N)

c. Commercial Quality Video - Series 7000 (Cont'd)

(4) Basic parameters available for Commercial Quality Video service are listed following. The desired parameters are selected by the customer from the list of available parameters. Technical specifications are delineated in BellSouth Technical Reference TR-73557.

Frequency Response
Chrominance/Luminance
Intermodulation
Delay Inequality
Field-Time Distortion
Line-Time Distortion
Short-Time Distortion
Differential Gain
Differential Phase
Chrominance Nonlinear Phase
Total Harmonic Distortion
Signal-to-Noise Ratio
Signal-to-Idle Channel - Noise

(5) The rates and charges set forth for Commercial Quality Video provide for the furnishing of service where suitable facilities are available. Where special construction of facilities is necessary, special construction charges may apply as set forth in Section 5 of this Tariff. (N)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.7 Rate Regulations (N)

a. Types of Rates and Charges

(1) The two types of rates and charges are monthly rates and nonrecurring charges and are described as follows:

(a) Monthly Rates

Monthly rates are recurring charges that apply each month or fraction thereof that a service is provided. For billing purposes, each month is considered to have thirty days.

(b) Daily Rates

Daily rates are flat recurring rates that apply to each twenty-four hour period or fraction thereof that a Commercial Quality Video Service is provided for part-time or occasional use. For purposes of applying daily rates, the twenty-four hour period is not limited to a calendar day.

Part-time or occasional Commercial Quality Video service provided within a consecutive thirty-day period will be charged the daily rate, not to exceed an amount equal to the monthly rate. For each subsequent day or part day, a charge equal to 1/30th of the monthly rate will apply.

(c) Nonrecurring Charges

Nonrecurring Charges are one-time charges that apply for a specific work activity. The three types of nonrecurring charges that apply are installation of service, installation of features and functions, and service rearrangements.

(.1) Installation of Service

Nonrecurring charges apply for each service terminated at the customer's premises. For the installation of local channels when more than one of the same type of service, between the same locations, for the same customer is ordered and installed at the same time, one at each location is billed at the First Service Installed rate and the others are billed at the Additional Service Installed rate. (N)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.7 Rate Regulations (Cont'd) (N)

a. Types of Rates and Charges (Cont'd)

(1) (Cont'd)

(c) Nonrecurring Charges (Cont'd)

(.1) Installation of Service (Cont'd)

The nonrecurring charges for the Installation of Services are set forth in 20.3.8 following as Nonrecurring Charges for the Local Channel and Interoffice Channel rate elements.

(.2) Nonrecurring charges apply for the installation of features and functions available with the various services. For some features and functions there is a lower charge if installed coincident with the service and a higher charge if installed subsequent to the service.

(.3) Service Rearrangements

(.a) Service rearrangements are changes to existing (installed) services which do not result in either a change in the minimum period requirements or a change in the physical location of the point of termination at a customer premises. Changes which result in the establishment of new minimum period obligations are treated as disconnects and starts. Changes in the physical location of the point of termination are treated as moves and are described and charged for as set forth in 20.3.7b.

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

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.7 Rate Regulations (Cont'd) (N)

a. Types of Rates and Charges (Cont'd)

(1) (Cont'd)

(c) Nonrecurring Charges (Cont'd)

(.3) Service Rearrangements (Cont'd)

(.a) (Cont'd)

Administrative changes will be made without charge(s) to the customer. Such changes require the continued provision and billing of the Private Line Service to the same entity (i.e., customer remains responsible for all outstanding indebtedness for the service). Administrative changes are as follows:

- Change of customer name (i.e., the customer of record does not change but rather the customer of record changes name),
- Change of customer or customer's premises address when the change of address is not a result of a physical relocation of equipment.
- Change in billing data (name, address or contact name or telephone number).

(b) All other service rearrangements will be charged for as follows:

- If the change involves the addition of other customer designated premises to an existing multipoint service, the nonrecurring charge for the local channel rate element will apply. The charges will apply only for the location(s) that is being added. (N)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.7 Rate Regulations (Cont'd) (N)

a. Types of Rates and Charges (Cont'd)

(1) (Cont'd)

(c) Nonrecurring Charges (Cont'd)

(.3) Service Rearrangements (Cont'd)

(.b) (Cont'd)

- If the change involves the addition of an optional feature or function which has a separate nonrecurring charge, that nonrecurring charge will apply.

- If the change involves changing the type of signaling on a voice grade service the subsequent, nonrecurring charge will apply for the new type signaling. The charge will apply per service termination affected.

- For all other changes, including a change of the customer of record involving no physical changes to the service provided or the addition of optional features without separate nonrecurring charges, a charge equal to a local channel rate element nonrecurring charge will apply. Only one such charge will apply per service, per change.

b. Moves

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

(a) The point of interface at the customer premises.
(b) The customer's premises.

(2) The charges for the move are dependent on whether the move is to a new location within the same building or to a different building. (N)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.7 Rate Regulations (Cont'd) (N)

b. Moves (Cont'd)

(2) (Cont'd)

(a) Moves Within the Same Building

When the move is to a new location within the same building, the charge for the move will be an amount equal to one-half the nonrecurring (i.e., installation) charge for the affected service termination at the customer's premises. There will be no change in the minimum period requirements. If a move is made at the same time a service rearrangement is made, the total charge will never exceed a full nonrecurring charge for the basic service.

(b) To a Different Building

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

c. Mileage Requirements

(1) When station locations of a private line service are located in different wire center serving areas, interoffice channel charges apply. Charges are based on the direct airline distance measured between the serving wire centers. Mileage is determined in accordance with the following:

(a) Obtain the "V" and "H" coordinates for each wire center, as listed in the National Exchange Carrier Association Tariff F.C.C. No. 4.

(b) Obtain the different between the "V" coordinates of the two wire centers. Obtain the difference between the "H" coordinates. (The difference is always obtained by subtracting the smaller coordinate from the larger coordinate.) (N)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.7 Rate Regulations (Cont'd) (N)

c. Mileage Requirements (Cont'd)

(1) (Cont'd)

(c) Square each difference obtained in (b) preceding.

Add the squares of the "V" difference and the "H" difference obtained in (b) preceding.

(d) Divide the sum of the squares obtained in (c) preceding by 10.

(e) Obtain the square root of the result obtained in (d) preceding. This is the rate distance in miles. (Fractional miles being considered as full miles.)

(f) EXAMPLE: The rate distance is required between City One and City Two.

	V	H
City One	7260	2083
City Two	7364	1865
Difference	104	218
Squared	10,816 + 47,524 = 58,340	

58,340 divided by 10 = 5834
Square root of 5834 = 76.38 = 77 Airline miles

(2) When a private line is furnished over facilities which the Company elects to provide on a direct basis and is not routed through a central office, one two-point channel charge from 20.3.8 will apply. The arrangement is limited to channels not more than one airline mile in length.

(3) For the purpose of applying multipoint charges, the bridging or hubbing locations are determined by that combination of airline distances connecting the serving wire center which will produce the lowest interoffice mileage charges. Bridging charges apply when three or more channels connect at the same location.

(4) For Series 1000, 2000 and 6000 channels the customer may specify the sequence in which the service points are to be connected in which case the rate mileage is the shortest airline mileage determined in accordance with paragraph (3) preceding which will connect the wire centers of the service points in the specified sequence. (N)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.8 Rates and Charges (N)

a. Local Channels

		Monthly Rate SEE CURRENT PRICE LIST Minimum	Monthly Rate SEE CURRENT PRICE LIST Maximum	Nonrecurring Charge First	Nonrecurring Charge Additional
(1) Voice Grade					
Per point of termination.					
(a) Voice					
(.1)	Type 2230[1]	$ -	$ -	$345.00	$115.00
(.2)	Type 2231	24.00	28.00	345.00	115.00
(.3)	Type 2432	40.00	50.00	390.00	145.00
(.4)	Type 2434	8.00	11.00	165.00	83.00
(.5)	Type 2435	40.00	50.00	370.00	130.00
(.6)	Type 2261	30.00	38.00	580.00	245.00
(.7)	Type 2462	40.00	50.00	565.00	235.00
(b) Data					
(.1)	Type 2260	28.00	34.00	415.00	160.00
(.2)	Type 2463	45.00	55.00	415.00	160.00
(.3)	Type 2464	45.00	55.00	410.00	155.00
(2) Wired Music					
(a) Per point of termination					
(.1)	Type 6210	33.00	39.00	560.00	230.00
(.2)	Type 6211	35.00	39.00	560.00	230.00
(.3)	Type 6212	45.00	50.00	645.00	300.00
(.4)	Type 6213	50.00	55.00	660.00	315.00
(.5)	Type 6214	33.00	39.00	560.00	230.00
(.6)	Type 6215	35.00	39.00	560.00	230.00
(.7)	Type 6216	45.00	50.00	645.00	300.00
(.8)	Type 6217	50.00	55.00	660.00	315.00

Note 1: The monthly rate for Type 2230 Local Channels is $15.85. (N)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.8 Rates and Charges (Cont'd) (N)

a. Local Channels (Cont'd)

(3) Commercial Quality Video

		Monthly Rate SEE CURRENT PRICE LIST		Nonrecurring Charge	
		Minimum	Maximum	First	Additional
(a)	Multiple Channel Video System[1]				
(.1)	Transmit, per System	$685.00	$930.00	$460.00	$215.00
(.2)	Receive, per System	685.00	930.00	460.00	215.00
(.3)	Transmit, per Video channel	123.00	170.00	140.00	79.00
(.4)	Receive, per Video Channel	123.00	170.00	140.00	79.00

(b) Single Channel Video Service

		Monthly Rate SEE CURRENT PRICE LIST		Daily Rate SEE CURRENT PRICE LIST		Nonrecurring Charge	
		Min.	Max.	Min.	Max.	Monthly	Daily
(.1)	First Transmit	$315.00	$430.00	$105.00	$145.00	$275.00	$295.00
(.2)	First Receive	315.00	430.00	105.00	145.00	275.00	295.00
(.3)	Additional[2] Transmit	315.00	430.00	105.00	145.00	135.00	150.00
(.4)	Additional[2] Receive	315.00	430.00	105.00	145.00	135.00	150.00

Note 1: Daily rates are not available for a Multiple Channel Video System.

Note 2: The Additional rates apply when more than one Single Channel Video Service is ordered and installed at the same time between the same two locations. One is billed at the First rates and the rest at the Additional. (N)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.8 Rates and Charges (Cont'd) (N)

b. Non-Wire Center Connected Channels

(1) Served Direct

(a) Not routed via the central office, limited to one airline mile or less.

		Monthly Rate SEE CURRENT PRICE LIST		Nonrecurring Charge	
		Minimum	Maximum	First	Additional
(.1)	Series 2000	$ 9.00	$ 14.00	$485.00	$180.00
(.2)	Series 6000	9.00	20.00	485.00	180.00

c. Interoffice Channels[1]

(1) Fixed and Mileage Charges applicable, per channel.

		Fixed Monthly Charge SEE CURRENT PRICE LINE		Monthly Charge Per Mile		
		Min.	Max.	Min.	Max.	Nonrecurring Charge
(a)	Voice Grade Service - Series 2000					
(.1)	1 thru 8 Miles	$ 32.00	$ 50.00	$ 1.00	$ 2.25	$105.00
(.2)	9 thru 25 Miles	32.00	50.00	1.00	2.20	105.00
(.3)	Over 25 Miles	32.00	50.00	1.00	2.15	105.00
(b)	Wired Music - Series 6000 3.0 kHz Types 6210, 6211, 6214 and 6215					
(.1)	1 thru 8 Miles	32.00	50.00	1.00	2.25	83.00
(.2)	9 thru 25 Miles	32.00	50.00	1.00	2.20	83.00
(.3)	Over 25 Miles	32.00	50.00	1.00	2.15	83.00
(c)	Wired Music - Series 6000 5 kHz Types 6212 and 6216					
(.1)	1 thru 8 Miles	45.00	55.00	2.00	4.50	75.00
(.2)	9 thru 25 Miles	45.00	55.00	2.00	4.40	75.00
(.3)	Over 25 Miles	45.00	55.00	2.00	4.30	75.00

Note 1: For method of determining mileage, see 20.3.7c. (N)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.8 Rates and Charges (Cont'd) (N)

c. Interoffice Channels[1] (Cont'd)

(1) (Cont'd)

		Fixed Monthly Charge		Monthly Charge Per Mile		
		SEE CURRENT PRICE LINE				
		Min.	Max.	Min.	Max.	Nonrecurring Charge
(d)	Wired Music - Series 6000 8 kHz Types 6213 and 6217					
(.1)	1 thru 8 Miles	$ 65.00	$ 75.00	$ 3.00	$ 9.00	$ 75.00
(.2)	9 thru 25 Miles	65.00	75.00	3.00	8.80	75.00
(.3)	Over 25 Miles	65.00	75.00	3.00	8.60	75.00
(e)	Commercial Quality Video - Monthly Rates and Charges					
(.1)	Single Channel Video Service					
(.a)	Each Interoffice Channel					
(i)	1 thru 4 miles	106.00	146.00	67.00	92.00	330.00
(ii)	5 thru 8 miles	106.00	146.00	83.00	115.00	345.00
(iii)	9 thru 25 miles	106.00	146.00	75.00	102.00	345.00
(iv)	26 thru 50 miles	106.00	146.00	68.00	93.00	345.00
(.2)	Multiple Channel Video System					
(.a)	Each System					
(i)	1 thru 4 inter-office miles	20.00	40.00	81.00	147.00	330.00
(ii)	5 thru 8 inter-office miles	20.00	40.00	119.00	162.00	345.00
(iii)	9 thru 25 inter-office miles	20.00	40.00	105.00	145.00	345.00
(iv)	26 thru 50 inter-office miles	20.00	40.00	95.00	130.00	345.00

Note 1: For method of determining mileage, see 20.3.7c. (N)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.8 Rates and Charges (Cont'd) (N)

c. Interoffice Channels[1] (Cont'd)

(1) (Cont'd)

		Fixed Daily Rate		Daily Rate Per Mile		
		SEE CURRENT PRICE LINE				
		Min.	Max.	Min.	Max.	Nonrecurring Charge
(f)	Commercial Quality Video - Daily Rates and Charges					
(.1)	Single Channel Video Service[2]					
(.a)	Each Interoffice Channel					
(i)	1 thru 4 miles	$ 35.00	$ 50.00	$ 22.00	$ 32.00	$330.00
(ii)	5 thru 8 miles	35.00	50.00	25.00	38.00	345.00
(iii)	9 thru 25 miles	35.00	50.00	25.00	38.00	345.00
(iv)	26 thru 50 miles	35.00	50.00	22.00	32.00	345.00

Note 1: For method of determining mileage, see 20.3.7c.

Note 2: Daily rates are not available for a Multiple Channel Video System. (N)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.8 Rates and Charges (Cont'd) (N)

d. Optional Features and Functions

(1) Bridging

Bridging charges are applicable where more than two Local Channels, or one or more Local Channels and more than one Interoffice Channel, or more than one Local Channel and one Interoffice Channel are bridged or hubbed at the same wire center. No additional bridging charges are applicable for Series 1000, Types 1204 and 1205.

(a) Voice Grade Bridges (Series 2000)

			Nonrecurring Charge	Monthly Rate SEE CURRENT PRICE LIST Minimum	Monthly Rate SEE CURRENT PRICE LIST Maximum
(.1)	Voice Bridging				
	(.a)	Per Port			
		(i) Two-Wire (Type 2230)	$39.00	$7.00	$14.00
		(ii) Four-Wire (Type 2435)	39.00	9.00	16.00
(.2)	Data Bridging				
	(.a)	Per Port			
		(i) Four-Wire (Types 2463 and 2464)	43.00	15.00	22.00
(.3)	Dataphone® Select-A-Station Bridging-Primary Data Station Selector				
	(.a)	Sequential Arrangement			
		(i) Common Equipment	230.00	200.00	275.00
	(.b)	Addressable Arrangement			
		(i) Common Equipment	255.00	200.00	275.00
	(.c)	Channel Connections			
		(i) Per two-wire connection	40.00	3.00	6.00
		(ii) Per four-wire connection	44.00	13.00	17.00

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PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.8 Rates and Charges (Cont'd) (N)

d. Optional Features and Functions (Cont'd)

(1) Bridging (Cont'd)

(a) Voice Grade Bridges (Series 2000) (Cont'd)

		Nonrecurring Charge	Monthly Rate SEE CURRENT PRICE LIST Minimum	Maximum
(.4)	Dataphone® Select-A-Station Bridging - Secondary Data Station Selector			
(.a)	Sequential Arrangement			
(i)	Common Equipment	$230.00	$200.00	$275.00
(.b)	Addressable Arrangement			
(i)	Common Equipment	255.00	200.00	275.00
(.c)	Channel Connections			
(i)	Per two-wire connection	40.00	3.00	6.00
(ii)	Per four-wire connection	44.00	13.00	17.00
(.5)	Telemetry and Alarm Bridging - Split Band, Active Bridging			
(.a)	Common Equipment, per central office			
(i)	First bridging shelf, capacity of 48 two-wire connections	365.00	100.00	132.00
(ii)	Additional bridging shelf, capacity of 56 two-wire connections installed subsequent to the first bridging shelf	330.00	100.00	132.00
(iii)	Additional bridging shelf, capacity of 56 two-wire connections installed at the same time as the first bridging shelf	205.00	40.00	55.00

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PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.8 Rates and Charges (Cont'd) (N)

d. Optional Features and Functions (Cont'd)

(1) Bridging (Cont'd)

(a) Voice Grade Bridges (Series 2000) (Cont'd)

	Nonrecurring Charge	Monthly Rate SEE CURRENT PRICE LIST Minimum	Maximum
(.5) Telemetry and Alarm Bridging - Split Band, Active Bridging (Cont'd)			
(.b) Channel connections, per channel connected			
(i) Remote station channel connection	$ 40.00	$ 3.00	$ 6.00
(ii) Mid-link channel connection, first channel	47.00	8.00	11.00
(iii) Mid-link channel connection, subsequent channels	47.00	8.00	11.00
(b) Wired Music Bridges (Series 6000)			
(.1) Distribution Amplifiers			
(.a) Per Port			
(i) Each	35.00	1.00	3.00 (N)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.8 Rates and Charges (Cont'd) (N)

d. Optional Features and Functions (Cont'd)

(2) Signaling Arrangements

Signaling arrangements are provided at the customer's option to arrange channels for suitable signaling. Signaling is required on all off-premises extension channels and tie line channels associated with PBX (or similar) systems.

(a) Per local channel

		Monthly Rate SEE CURRENT PRICE LIST		Nonrecurring Charge	
		Minimum	Maximum	Initial	Subsequent
(.1)	Ringdown-Manual	$11.00	$13.00	$42.00	$215.00
(.2)	Ringdown-Automatic	9.00	11.00	15.00	74.00
(.3)	E & M Type	9.00	11.00	43.00	190.00
(.4)	Type A (0-199 ohms)	4.00	7.00	42.00	140.00
(.5)	Type B (200-899 ohms)	4.00	7.00	41.00	140.00
(.6)	Type C (900 or more ohms)	3.00	4.00	11.00	140.00

(3) Conditioning (Voice Grade Services)

(a) Conditioning provides more specific transmission characteristics for data services. There are two types of C-conditioning and one type of D-conditioning, each with different technical specifications. C-Type conditioning controls attenuation distortion and envelope delay distortion. D-Type conditioning controls the signal to C-notched noise ratio and intermodulation distortion. (N)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.8 Rates and Charges (Cont'd) (N)

d. Optional Features and Functions (Cont'd)

(3) Conditioning (Voice Grade Services) (Continued)

(a) (Cont'd)

Conditioning is charged for on a per Local Channel basis for two-point and multi-point service. For two-point services the parameters apply to each service. For multipoint services the parameters apply to any path between any two service points.

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

Type Conditioning	Frequency Response Specification	Envelope Delay Distortion Specification
C1 (two-point or multipoint)	300-2700 Hz, -2dB to +6dB. 1000-2400 Hz, -1dB to +3dB. 300-3000 Hz, -3dB to +12dB.	1000-24000 Hz. less than 1000 microseconds
C2 (two-point or or multipoint)	300-3000 Hz, -2dB or +6dB. 500-2800 Hz, -1dB to +3dB.	1000-2600 Hz. less than 500 microseconds 600-2600 Hz. less than 1500 microseconds 500-2800 Hz, less than 3000 microseconds

		Non-Linear Distortion	
	C-Notched Noise	2nd Order Distortion	3rd Order Distortion
D1 (two-point)	Noise level 28dB below signal level	35dB below signal level	40dB below signal level

(N)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.8 Rates and Charges (Cont'd) (N)

d. Optional Features and Functions (Cont'd)

(3) Conditioning (Voice Grade Services) (Continued)

(c) When a channel is equipped with Type D1 conditioning and is utilized for voice communications, the Company does not undertake to represent that the channel will be suitable for such voice transmission.

(d) C-Type Conditioning

(.1) C-Type Conditioning is available for Types 2463 and 2464.

(.a) C-Types of Conditioning per local channel

	Monthly Rate SEE CURRENT PRICE LIST		Nonrecurring Charge	
	Minimum	Maximum	Initial	Subsequent
(i) C1-Type	$ 2.00	$ 4.00	$10.00	$85.00
(ii) C2-Type	2.00	4.00	22.00	94.00

(e) D-Type Conditioning

(.1) D-Type Conditioning is available for Types 2463 and 2464.

(.a) D-Type Conditioning

(i)	D1-type	2.00	4.00	15.00	89.00

(N)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.9 MegaLink® Service

a. General

(1) MegaLink® service is furnished for Private Line IntraLATA Communications by the Company.

(2) MegaLink® service is a service for the transmission of digital signals only and uses only digital transmission facilities.

(3) MegaLink® service provides for the simultaneous two-way transmission of isochronous digital signals at DS1 speeds of 1.544 Mbps, where facilities are available.

(4) To ensure satisfactory operation, the terminal equipment provided by the customer must be compatible with the DS1/1.544 Mbps channel facility provided by the Company. The technical specifications and standard network interfaces for Megalink® service are contained in BellSouth Services Technical Reference Publication 73525. This publication is available from BellSouth Services Documentation Operations, North W5A1, 3535 Collonnade Parkway, Birmingham, Alabama 35243.

(5) Unless specified following, the regulations for MegaLink® service specified herein apply in addition to the regulations set forth in Section 2 of this Tariff.

(6) The rates specified for MegaLink® service in 20.3.9c. following, contemplate the provision of a digital quality facility utilizing existing interoffice carrier equipment and/or exchange cable facilities compatible with this service. If such equipment, new facilities or changes to existing facilities are required for the provision of this service, a service construction charge based on the cost incurred to make the changes will apply in addition to the rates for MegaLink® service.

(7) Fractional T1 (FT1) facilities are furnished for the transmission of isochronous bipolar serial data and are available at transmission rate groupings of N x 56 Kbps or N x 64 Kbps where N equals 2, 4, or 6. FT1 channels are contiguous within the network and can be used to create a wideband circuit using customer provided equipment. When N x 64 FT1 is ordered in conjunction with DS1 service for multiplexing purposes, the DS1 must have Clear Channel Capability as described in Section 20.3.9b.(5)(a.) of this tariff. FT1 service at a rate of N x 64 Kbps will only be provided where Clear Channel Capability is available in the network. Where Clear Channel Capability is not available, N x 56 Kbps service can be provided in lieu of N x 64 Kbps. (N) (N)

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PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.9 MegaLink® Service (Cont'd)

b. Regulations

(1) Description of Service

(a) MegaLink® service is furnished for the simultaneous two-way transmission of serial, Bipolar, Return-to-Zero (BPRZ) isochronous digital signals, except where intentional bipolar violations are introduced by Bipolar with 8 Zero Substitution (B8ZS) format, at a speed of DS1/1.544 Mbps between two-points located within a LATA.

(b) Multipoint service is not available.

(c) MegaLink® service and Fractional T1 (FT1) service are available on a month-to-month basis or under variable rate periods with rates based on lengths of 36 months, 60 months, or 84 months under conditions specified in 20.3.10 of this Tariff. (C)

(d) Connection of DS1/1.544 Mbps communications systems provided by others may be made on a permissive basis as provided for in Section 2, the Company does not represent its MegaLink® service as adapted for such connections, and shall not be responsible for the through transmission of signals, or the quality of such transmission on such connections.

(e) A Channel Service Unit (CSU) or appropriate Termination Equipment (TE) provided by the customer is required at a customer's or authorized user's premises to perform such functions as:

- proper termination of the service
- amplification
- signal shaping
- remote loop-back

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.9 MegaLink® Service (Cont'd)

b. Regulations

(1) Description of Service (Cont'd)

(f) The design, maintenance and operation of MegaLink® service contemplates communications originating and terminating as (1) a customer premises to customer premises channel via the Company's Serving Wire Center, (SWC) - and/or through remote SWCs; (2) a customer premises to the Serving Wire Center - and/or to remote SWCs - partial channel (link); or (3) a central office to central office (interoffice) partial channel (link).

(g) MegaLink® service may also be furnished on a link (partial channel) basis when connected to Centrex service[1], MegaLink® channel service, and/or another MegaLink® service.

(h) All appropriate rates specified in other tariff sections are in addition to the monthly rate per package or single channel for MegaLink® service specified in this Tariff.

(i) Shared use of Fractional T1 (FT1) service is not available. (N)

(2) Definitions

Channel Service Unit - The term "Channel Service Unit" (CSU) denotes equipment provided by the Customer to terminate a digital facility on the customer's or user's premises.

DS1 - This denotes a channel service expressed in terms of its digitally encoded data bit rate in accordance with the North American hierarchy of digital signal levels. It has a 1.544 Mbps transmission data rate, and provides for the two-way simultaneous transmission of isochronous timed, Bipolar Return-to-Zero (BPRZ) bit stream format, except where intentional bipolar violations are introduced by Bipolar with 8 Zero Substitution (B8ZS) format. Unframed signal formats are not permitted or compatible with Company equipment. The required format and interface specifications are contained in BellSouth Services Technical Reference Publication 73525.

Note 1: Connection from MegaLink® service to Centrex service may not be available from all serving wire centers.

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PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.9 MegaLink® Service (Cont'd)

b. Regulations (Cont'd)

(2) Definitions (Cont'd)

Digital Local Channel - The term "Digital Local Channel" denotes a path for MegaLink® service furnished from the demarcation point on a customer's premises, to their Serving Wire Center.

Interoffice Channel

The term "Interoffice Channel" denotes a path (or paths) for digital transmission between Company Serving Wire Centers within a LATA. An interoffice channel may be furnished in such manner as the Company may elect.

(3) Application of Rates

(a) Digital Local Channels furnished between a Serving Wire Center and the customer's premises will be charged at rates based on the first 1/2 mile and each additional 1/2 mile for the airline distance measured between the customer's premises and their Serving Wire Center.

(b) Interoffice Channels furnished between Central Offices will be charged at rates based on airline distance between the Central Offices.

(c) MegaLink® service and Fractional T1 (FT1) service are available on a month-to-month basis or under variable rate periods, with rates based on lengths of 36 months, 60 months, or 84 months under conditions specified in the Optional Payment Plan (OPP) in 20.3.10 of this Tariff except as modified following. Contract rate increases are subject to the stipulations of (d) following and in addition replaces any termination liability language in Section 2 for purposes of this tariff section. (C) (C)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.9 MegaLink® Service (Cont'd)

b. Regulations (Cont'd)

(2) Definitions (Cont'd)

Digital Local Channel - The term "Digital Local Channel" denotes a path for MegaLink® service furnished from the demarcation point on a customer's premises, to their Serving Wire Center.

Interoffice Channel

The term "Interoffice Channel" denotes a path (or paths) for digital transmission between Company Serving Wire Centers within a LATA. An interoffice channel may be furnished in such manner as the Company may elect.

(3) Application of Rates

(a) Digital Local Channels furnished between a Serving Wire Center and the customer's premises will be charged at rates based on the first 1/2 mile and each additional 1/2 mile for the airline distance measured between the customer's premises and their Serving Wire Center.

(b) Interoffice Channels furnished between Central Offices will be charged at rates based on airline distance between the Central Offices.

(c) MegaLink® service and Fractional T1 (FT1) service are available on a month-to-month basis or under variable rate periods, with rates based on lengths of 36 months, 60 months, or 84 months under conditions specified in the Optional Payment Plan (OPP) in 20.3.10 of this Tariff except as modified following. Contract rate increases are subject to the stipulations of (d) following. (C)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.9 MegaLink® Service (Cont'd)

b. Regulations (Cont'd)

(3) Application of Rates (Cont'd)

(d) If MegaLink® service rates are increased in excess of ten percent (10%) during the term period, exclusive of any increase due to local, state or federal fees, taxes or surcharges, the customer may terminate the service without incurring an early termination charge. At the expiration date of the customer's payment period option, the customer may select a new payment period option at current rates or revert to current rates on a month-to-month basis. (C) | (C)

(e) A Termination Liability Charge is applicable at the date of termination. The applicable charge is dependent on the contract period subscribed to and will be equal to the number of months remaining in the contract times the monthly rate provided under the contract. However, Termination Liability charges will not apply for customer requests for moves of service under OPP subject to the provisions set forth in 20.3.10.

(f) Airline distance between Company central offices shall be developed using the methodology found in 20.3.7c. of this Tariff. Fractional mileage shall be rounded up to the next full mile.

(g) Interoffice Channels furnished between Central Offices will be charged at rates based on airline distance between the Central Offices. For Fractional T1 (FT1) service, Interoffice Channels must be ordered as Fractional Interoffice Channels in the same grouping (N x 56 Kbps or N x 64 Kbps where N = 2, 4, or 6) as the associated FT1 Local Channels.

(4) Connections

(a) Customer-Provided Terminal Equipment, Customer-Provided Derivation Equipment and Customer-Provided Communications Systems may be connected to MegaLink® service when such connection is made in accordance with the provision specified in (b), (c) and (d) following.

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.9 MegaLink® Service (Cont'd)

b. Regulations (Cont'd)

(3) Application of Rates (Cont'd)

(d) MegaLink® service rates under contract will not be increased by Company initiative until the contract period expires. Rates in effect at the time the service is installed and/or as of the service order application date will be applicable until the contract expires. At the expiration date of the customer's payment period option, the customer may select a new payment period option at current rates or revert to current rates on a month-to-month basis.

(e) A Termination Liability Charge is applicable at the date of termination. The applicable charge is dependent on the contract period subscribed to and will be equal to the number of months remaining in the contract times the monthly rate provided under the contract. However, Termination Liability charges will not apply for customer requests for moves of service under OPP subject to the provisions set forth in 20.3.10.

(f) Airline distance between Company central offices shall be developed using the methodology found in 20.3.7c. of this Tariff. Fractional mileage shall be rounded up to the next full mile.

(g) Interoffice Channels furnished between Central Offices will be charged at rates based on airline distance between the Central Offices. For Fractional T1 (FT1) service, Interoffice Channels must be ordered as Fractional Interoffice Channels in the same grouping (N x 56 Kbps or N x 64 Kbps where N = 2, 4, or 6) as the associated FT1 Local Channels. (N) (N)

(4) Connections

(a) Customer-Provided Terminal Equipment, Customer-Provided Derivation Equipment and Customer-Provided Communications Systems may be connected to MegaLink® service when such connection is made in accordance with the provision specified in (b), (c) and (d) following.

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.9 MegaLink® Service (Cont'd) (N)

b. Regulations (Cont'd)

(4) Connections (Cont'd)

(b) Responsibility of the Company

(.1) The responsibility of the Company shall be limited to the furnishing and maintenance of MegaLink® service to a network interface on the customer's premises where provision is made for the connection of local service.

(.2) The Company shall not be responsible for installation, operation, or maintenance of any terminal equipment or communications systems provided by a customer. MegaLink® service is not represented as adapted for the use of such equipment or system. Where such equipment or system is connected to Company facilities the responsibility of the Company shall be limited to the furnishing of facilities suitable for MegaLink® service and to the maintenance and operation in a manner proper for such digital service. The Company shall not be responsible for:

- the through transmission of signals generated by such equipment or system, or for the quality of, or defects in, such transmission or
- the reception of signals by such equipment or systems, or
- damage to terminal equipment or communications systems provided by a customer or authorized user due to testing.

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.9 MegaLink® Service (Cont'd) (N)

b. Regulations (Cont'd)

(4) Connections (Cont'd)

(b) Responsibility of the Company (Cont'd)

(.3) The Company shall not be responsible to the customer if changes in any of the facilities, operations or procedures of the Company utilized in the provision of MegaLink® service render any facilities or equipment provided by a customer obsolete, or require modification or alteration of such equipment or system or otherwise affects its use or performance.

(.4) The Company undertakes to maintain and repair the facilities which it furnishes. The customer may not rearrange, disconnect, remove or repair any equipment installed by the Company without prior written consent of the Company.

(c) Responsibilities of the Customer

(1) The customer is responsible for installing and testing his premises equipment or facilities to insure that when they are connected to MegaLink® service such equipment or facilities are operating properly.

(2) The operating characteristics of the customer premises equipment or facilities shall be such as to not interfere with any of the services offered by the Company. Such use is subject to the further provisions that the equipment provided by a customer does not: endanger the safety of Company employees or the public; damage, require change in or alteration of the equipment or other facilities of the Company; interfere with the proper functioning of such equipment or facilities; impair the operation of the Company's facilities or otherwise injure the public in its use of the Company's services. Upon notice that the equipment provided by a customer is causing or is likely to cause such hazard or interference, the customer shall take such steps as shall be necessary to remove or prevent such hazard or interference.

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.9 MegaLink® Service (Cont'd) (N)

b. Regulations (Cont'd)

(4) Connections (Cont'd)

(c) Responsibilities of the Customer (Cont'd)

(.3) The customer's responsibility shall include cooperative testing with the Company as may be necessary. Where regeneration and/or equalization adjustments or changes may be required to compensate for rearrangements and/or changes in outside plant facilities, the customer will be responsible for all expenses incurred in changes to his premises equipment.

(d) Connection of Customer-Provided Terminal Equipment, Customer-Provided Derivation Equipment and Customer-Provided Communications Systems.

(.1) The following provisions will apply:

(.a) Customer-Provided Terminal Equipment and/or Customer-Provided Communications Systems may be connected at the premises of the customer to Megalink® service.

(.b) The customer by use of its own derivation equipment, may create digital bit streams from a MegaLink® service and such equipment may be connected for transmission of such bit streams when connected through a customer-provided CSU/TE.

(.c) The undertaking of the Company is to furnish MegaLink® service as ordered and specified by the customer as specified in (.4) following.

(.2) Connections to Other Services Furnished by the Company to the Same Customer

Megalink® service furnished by the Comapny may be connected by the customer to another service or to other services furnished by the Company as specified in (4)(b) preceding. Connected services are subject to all rules and regulations governing the provisioning of those services.

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.9 MegaLink® Service (Cont'd) (N)

b. Regulations (Cont'd)

(4) Connections (Cont'd)

(d) (Cont'd)

(.3) Connections to other services furnished by the Company to different customers

The customer may connect at the premises of the customer to another MegaLink® service or other services furnished by the Company to different customers as specified in (4)(b) preceding. Connected services are subject to all rules and regulations governing provisioning of those services.

(.4) Connection of Channel Service Units

A Channel Service Unit (CSU) or appropriate Termination Equipment (TE) must be provided by the customer to connect a Company-provided digital facility. In accordance with Part 68 of the FCC's Rules and Regulations, new grandfathered CSU/TEs may be connected, moved, and reconnected until June 30, 1987. After this date only registered and previously connected grandfathered CSU/TEs may be connected to Company-provided digital facilities.

Grandfathered CSU/TE equipment must comply with the requirements outlined in the BellSouth Services Technical Reference 73525. This publication is now available from BellSouth Services Documentation Operations, North W5A1, 3535 Colonnade Parkway, Birmingham, Alabama 35243. Registered technical requirements for CSU/TEs are outliend in Part 68 of the FCC's Rules and Regulations. A copy may be obtained from the Federal Communications Commission, Room BB300, Washington, D.C. 20054.

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.9 MegaLink® Service (Cont'd) (N)

b. Regulations (Cont'd)

(5) Features

(a) Clear Channel Capability

(.1) Clear Channel Capability (CCC) is an arrangement that alters a DS1/1.544 Mbps signal with unconstrained information bits, to meet pulse density requirements outlined in Technical Reference 73525. This will allow a customer to transport an all zero octet over a MegaLink® service channel providing an available combined maximum 1.536 Mbps data rate. This arrangement requires the customer signal at the channel interface to conform to Bipolar with 8 Zero Substitution (B8ZS) line code as described in Technical Reference 73525.

(.2) CCC is provided on MegaLink® service channels between two customer designated premises, from a customer premises to their Serving Wire Center or Node Central Office and/or to a remote Serving Wire Center or Node Central Office, and from a Central Office to a Central Office, and is subject to the availability of facilities. This optional feature may be ordered at the same time the MegaLink® service channel is ordered, or it may be ordered as an additional feature of an existing MegaLink® service channel.

(.3) When providing CCC via a DS3/44.736 Mbps High Capacity channel, that DS3 channel must be designated, in Company records, as having Clear Channel Capability prior to the provisioning of a DS1/1.544 Mbps High Capacity channel with CCC. Customers must agree to out-of-service periods required to add this feature to an existing MegaLink® service channel to be optioned for B8ZS.

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.9 MegaLink® Service (Cont'd)

b. Regulations (Cont'd)

(6) Payment Arrangements and Credit Allowance

(a) The minimum period for which MegaLink® service is furnished and for which charges are applicable is one month.

(b) Suspension of service is not allowed.

c. Rates and Charges

(1) A Digital Local Channel is furnished between a Serving Wire Center and the customer's premises. Rates are based on the airline distance between the Serving Wire Center and the customer's premises.

(a) Digital Local Channel, each[1]

		Nonrecurring Charge	Month to Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	
(.1)	First 1/2 Mile	$ 300.00	$85.00	$85.00	$85.00	$85.00	
	- Fractional T1 (FT1) Service						(N)
	2 x 56 Kbps or 2 x 64 Kbps	460.00[2]	162.00	158.00	154.00	150.00	
	4 x 56 Kbps or 4 x 64 Kbps	460.00[2]	166.00	160.00	156.00	152.00	
	6 x 56 Kbps or 6 x 64 Kbps	460.00[2]	168.00	162.00	158.00	154.00	(N)
(.2)	Each additional 1/2 Mile, or fraction thereof	-	39.00	36.00	35.00	34.00	
	- Fractional T1 (FT1) Service						(N)
	2 x 56 Kbps or 2 x 64 Kbps	-	-	-	-	-	
	4 x 56 Kbps or 4 x 64 Kbps	-	-	-	-	-	
	6 x 56 Kbps or 6 x 64 Kbps	-	-	-	-	-	(N)

Note 1: Contract lengths are now flexible to allow customer choice of payment period per 20.3.10.
Note 2: The Fractional T1 (FT1) nonrecurring charge is only applicable for month-to-month customers; does not apply to contract terms. (N)

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PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.9 MegaLink® Service (Cont'd)

c. Rates and Charges (Cont'd)

(2) Interoffice Channels furnished between Central Offices. Rates are based on the airline distance between central offices.[1,2]

	Nonrecurring Charge	Month to Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	
(a) Interoffice Channel, each channel 0-8 miles						
(.1) Fixed Monthly Rate	$125.00	$65.00	$65.00	$65.00	$65.00	
(.2) Each Airline Mile, or fraction thereof	-	33.00	31.00	29.00	27.00	
(.3) Fractional T1 (FT1) Service - Fixed Monthly Rate:						(N)
2 x 56 Kbps or 2 x 64 Kbps -	-	-	-	-	-	
4 x 56 Kbps or 4 x 64 Kbps -	-	-	-	-	-	
6 x 56 Kbps or 6 x 64 Kbps -	-	-	-	-	-	
- Each Airline Mile or Fraction Thereof:						
2 x 56 Kbps or 2 x 64 Kbps	-	2.01	2.01	2.01	2.01	
4 x 56 Kbps or 4 x 64 Kbps	-	4.03	4.03	4.03	4.03	
6 x 56 Kbps or 6 x 64 Kbps	-	6.04	6.04	6.04	6.04	
- Interoffice Channel Termination, per End						
2 x 56 Kbps or 2 x 64 Kbps	-	18.78	18.78	18.78	18.78	
4 x 56 Kbps or x 64 Kbps	-	37.55	37.55	37.55	37.55	(N) (M)
6 x 56 Kbps or 6 x 64 Kbps	-	56.33	56.33	56.33	56.33	

Note 1: Contract lengths are now flexible to allow customer choice of payment period per 20.3.10. (N)
Note 2: Refer to the 20.3.7c. of this Tariff, for mileage measurement methodology.

(M) Material has been moved to Pages 51.1 and 51.2.
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PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.9 MegaLink® Service (Cont'd)

c. Rates and Charges (Cont'd)

(2) Interoffice Channels furnished between Central Offices. Rates are based on the airline distance between central offices.[1,2] (Continued) (M)

	Month Nonrecurring Charge	24 to to Month	49 to 48 Months	73 to 72 Months	96 Months	
(b) Interoffice Channel, each channel 9-25 miles						
(.1) Fixed Monthly rate	$125.00	$70.00	$70.00	$70.00	$70.00	
(.2) Each airline mile or fraction thereof	-	32.00	29.00	27.00	25.00	(M)
(.3) Fractional T1 (FT1) Service - Fixed Monthly Rate:						(N)
2 x 56 Kbps or 2 x 64 Kbps	-	-	-	-	-	
4 x 56 Kbps or 4 x 64 Kbps	-	-	-	-	-	
6 x 56 Kbps or 6 x 64 Kbps	-	-	-	-	-	
- Each Airline Mile or Fraction Thereof:						
2 x 56 Kbps or 2 x 64 Kbps	-	2.01	2.01	2.01	2.01	
4 x 56 Kbps or 4 x 64 Kbps	-	4.03	4.03	4.03	4.03	
6 x 56 Kbps or 6 x 64 Kbps	-	6.04	6.04	6.04	6.04	
- Interoffice Channel Termination, per End						
2 x 56 Kbps or 2 x 64 Kbps	-	18.78	18.78	18.78	18.78	
4 x 56 Kbps or 4 x 64 Kbps	-	37.55	37.55	37.55	37.55	
6 x 56 Kbps or 6 x 64 Kbps	-	56.33	56.33	56.33	56.33	(N)

Note 1: Contract lengths are now flexible to allow customer choice of payment period per 20.3.10.
Note 2: Refer to the 20.3.7c. of this Tariff, for mileage measurement methodology. (M)
(M) Material previously appeared on Page 51. (M)
® Registered Service Mark of BellSouth Corporation (N)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.9 MegaLink® Service (Cont'd)

c. Rates and Charges (Cont'd)

(2) Interoffice Channels furnished between Central Offices. Rates are based on the airline distance between central offices.[1,2] (Continued) (M)

	Nonrecurring Charge	Month to Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	
(c) Interoffice Channel, each channel over 25 miles						
(.1) Fixed Monthly rate	$125.00	$90.00	$90.00	$90.00	$90.00	
(.2) Each airline mile or fraction thereof	-	31.00	27.00	25.00	23.00	(M)
(.3) Fractional T1 (FT1) Service - Fixed Monthly Rate:						(N)
2 x 56 Kbps or 2 x 64 Kbps	-	-	-	-	-	
4 x 56 Kbps or 4 x 64 Kbps	-	-	-	-	-	
6 x 56 Kbps or 6 x 64 Kbps	-	-	-	-	-	
- Each Airline Mile or Fraction Thereof:						
2 x 56 Kbps or 2 x 64 Kbps	-	2.01	2.01	2.01	2.01	
4 x 56 Kbps or 4 x 64 Kbps	-	4.03	4.03	4.03	4.03	
6 x 56 Kbps or 6 x 64 Kbps	-	6.04	6.04	6.04	6.04	
- Interoffice Channel Termination, per End						
2 x 56 Kbps or 2 x 64 Kbps	-	18.78	18.78	18.78	18.78	
4 x 56 Kbps or 4 x 64 Kbps	-	37.55	37.55	37.55	37.55	
6 x 56 Kbps or 6 x 64 Kbps	-	56.33	56.33	56.33	56.33	(N)

Note 1: Contract lengths are now flexible to allow customer choice of payment period per 20.3.10.
Note 2: Refer to the 20.3.7c. of this Tariff, for mileage measurement methodology. (M)
(M) Material previously appeared on Page 51. (M)
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PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.9 MegaLink® Service (Cont'd) (N)

c. Rates and Charges (Cont'd)

(3) Clear Channel Capability is furnished on a per MegaLink® service channel basis.

		Monthly Rate	Nonrecurring Charge Initial	Nonrecurring Charge Subsequent
(a)	Per MegaLink® service channel optioned as:			
(.1)	Superframe Format (SF)	-	-	$605.00
(.2)	Extended Superframe Format (ESF)	-	-	605.00

(4) Move Charge

A move charge, per MegaLink® service channel, applies for each Digital Local Channel moved to a new location in the same building. This move charge is equal to the sum of the Digital Local Channel Nonrecurring Charge, Service Change Charge-Inside Moves and Premises Visit Charge.

A move charge, per MegaLink® service channel under OPP, applies for each MegaLink® service moved to a new location in Company territory within the same state. This move charge is equal to the sum of all nonrecurring charges applicable to a new MegaLink® service channel installation at the new location.

(5) Service Connection Charges

(a) Service Establishment Charges are applicable, for each MegaLink® service channel[1] ordered, for receiving and recording information and/or taking action in connection with a customer's request, and processing the necessary data. These charges include engineering design, common centralized testing and coordination.

Note 1: Refer to 20.3.9b.(1) of this Tariff for description of MegaLink® service channels.

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PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.9 MegaLink® Service (Cont'd) (N)

c. Rates and Charges (Cont'd)

(5) Service Connection Charges (Cont'd)

(b) Service Change Charges are applicable for receiving and recording information and/or taking action in connection with a customer's Inside Move or transfer of service responsibility request, for processing the necessary data on an existing MegaLink® service channel.[1] A Service Change Charge is applicable for each MegaLink® service channel[1] associated with the customer request (in lieu of a Service Establishment Charge).

(c) Premises Visit Charges are applicable, per Digital Local Channel, for the termination of a channel at a customer's premises or for inside moves. Only one Premises Visit Charge applies when more than one channel service of the same type is terminated or moved at the same premises at the same time.

(d) Connection charges are applicable for the connection and testing of Digital Local Channels and/or Interoffice Channels. The charges applied are those nonrecurring charges contained in c.(1) and c.(2) preceding.

Note 1: Refer to 20.3.9b.(1) of this Tariff for description of MegaLink® service channels.

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.9 MegaLink® Service (Cont'd) (N)

c. Rates and Charges (Cont'd)

(5) Service Connection Charges (Cont'd)

(e) Charges for MegaLink® Service

(.1) Service Establishment Charge

(.a) Per MegaLink® Service Channel[1]

	Nonrecurring Charge
(i) Each	$575.00

(.2) Service Change Charge

(.a) Per MegaLink® Service Channel[1]

(i) For Inside Moves, each	350.00
(ii) Per Transfers of Responsibility, each	350.00

(.3) Premises Visit Charge

(.a) Per Digital Local Channel or for an Inside Move[2]

(i) Per Visit	35.00

Note 1: Refer to 20.3.9b.(1) of this Tariff for description of MegaLink® service channels.

Note 2: This charge is applicable to additional stations subsequently installed in a building.

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.10 Optional Payment Plan

a. General

(1) The regulations specified herein are applicable to specific facilities as indicated in the appropriate sections of this Tariff for channel services.

(2) Facilities furnished under the Optional Payment Plan (OPP) are subject to all general regulations applicable to the provision of service by the Company as stated elsewhere in this Tariff except as noted herein.

(3) The OPP is a payment plan which allows customers to pay fixed or variable rates for channel service equipment and facilities over variable contractual payment periods. A specific monthly rate applies for the duration of each period.

(a) 36 month Term Payment Plan - payment periods may be selected from 24 months to 48 months in length, at 36 month rates and charges.

(b) 60 month Term Payment Plan - payment periods may be selected from 49 months to 72 months in length, at 60 month rates and charges.

(c) 84 month Term Payment Plan - payment periods may be selected from 73 months to 96 months in length, at 84 month rates and charges.

(4) OPP for FT1 Service

A customer may change from MegaLink OPP service to an FT1 OPP service subject to the following rate applications. Also, a customer may change the number of channels of an N x 56 Kbps or N x 64 Kbps service to another higher value of N (where N = 2, 4 or 6), subject to the following rate applications:

- The changed service will be subject to all appropriate nonrecurring charges.

- Termination liability charges will not apply as long as the changed service remains connected at the same point of termination(s) or meets the requirements of 20.3.10e.and 20.3.10k.

b. Application of Rates and Charges

(1) If any rates for the services are increased in excess of ten percent (10%) during the term period, exclusive of any increase due to local, state or federal fees, taxes or surcharges, the customer may terminate the service without incurring an early termination charge. (C) (C)

(2) In the event that all or any part of a service is disconnected at customer request prior to expiration of any selected payment period of greater than one month's duration, the customer will be required to pay a termination charge as stated in that service's section of this Tariff.

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PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.10 Optional Payment Plan

a. General

(1) The regulations specified herein are applicable to specific facilities as indicated in the appropriate sections of this Tariff for channel services.

(2) Facilities furnished under the Optional Payment Plan (OPP) are subject to all general regulations applicable to the provision of service by the Company as stated elsewhere in this Tariff except as noted herein.

(3) The OPP is a payment plan which allows customers to pay fixed or variable rates for channel service equipment and facilities over variable contractual payment periods. A specific monthly rate applies for the duration of each period.

(a) 36 month Term Payment Plan - payment periods may be selected from 24 months to 48 months in length, at 36 month rates and charges.

(b) 60 month Term Payment Plan - payment periods may be selected from 49 months to 72 months in length, at 60 month rates and charges.

(c) 84 month Term Payment Plan - payment periods may be selected from 73 months to 96 months in length, at 84 month rates and charges.

(4) OPP for FT1 Service (N)

A customer may change from MegaLink OPP service to an FT1 OPP service subject to the following rate applications. Also, a customer may change the number of channels of an N x 56 Kbps or N x 64 Kbps service to another higher value of N (where N = 2, 4 or 6), subject to the following rate applications:

- The changed service will be subject to all appropriate nonrecurring charges.

- Termination liability charges will not apply as long as the changed service remains connected at the same point of termination(s) or meets the requirements of 20.3.10e.and 20.3.10k. (N)

b. Application of Rates and Charges

(1) The monthly rate applicable at the time a customer subscribes to Channel Service under an OPP is not subject to Company-initiated change during any optional payment period longer than one month.

(2) In the event that all or any part of a service is disconnected at customer request prior to expiration of any selected payment period of greater than one month's duration, the customer will be required to pay a termination charge as stated in that service's section of this Tariff.

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PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.10 Optional Payment Plan (Cont'd) (N)

b. Application of Rates and Charges (Cont'd)

(3) When customers renew or change the length of their payment period, the rates applicable for the new period are those currently in effect at the time of the renewal or change in the length of the payment period. A service order charge will not be applicable for such renewals or changes to the payment period.

(4) Recurring rates and installation, termination, service establishment, Service Connection and other nonrecurring charges apply according to the appropriate schedules for services offered as associated items to Channel Services, and are filed elsewhere in this Tariff.

(5) Customer requests for inside moves of service will not affect the contract period.

c. Additions

Facilities can be added to an existing system where capacity permits. New rates, charges and regulations as stated in the Channel Services section of the Tariff, for any period available under OPP, may be selected at the rates currently in effect for new customers at the time of the addition.

(1) Termination charges for premature disconnection of added contractual services will apply as set forth under Disconnects.

(2) Additions under OPP are exempt from Company-initiated rate changes for all payment periods longer than one month.

(3) Installation, service order, service establishment, and any other nonrecurring charges, as specified in this Tariff, will apply to the added channel services.

d. Disconnects

(1) Facilities disconnected from a system prior to the expiration date of the payment period for such services will require termination charges for premature disconnection if applicable.

(2) The expiration date of the remaining facilities will not be affected.

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.10 Optional Payment Plan (Cont'd) (N)

e. Moves of Equipment

(1) The appropriate nonrecurring charges for inside moves for items associated with channel services as specified in this and other Tariffs are applicable. This type movement will not affect the contract period.

(2) Inside moves of channel services provided under OPP will be handled on an individual case basis based upon costs incurred.

(3) Customer requests for moves of service(s) under OPP, other than inside moves, will be subject to the conditions stated in k. following.

f. Request for Changes in Length of Optional Payment Period

(1) Subsequent to the establishment of a contract with a OPP period, and prior to the completion of that period, the existing payment period may be replaced by:

(a) A currently offered payment period at the current rates, with a length equal to or longer than the time remaining in the existing service agreement, subject to the following conditions:

- No credit will be given for payments made during the formerly selected period.
- The new payment period begins with the date requested.
- No termination charge applies for the remaining portion of the former payment period.
- Nonrecurring charges will not be reapplied.
- A service order charge will not be reapplied.

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.10 Optional Payment Plan (Cont'd) (N)

f. Requests for Changes in Length of Optional Payment Period (Cont'd)

(1) (Cont'd)

(b) A currently offered payment period at the current rates, with a length shorter than the time remaining in the existing service agreement, subject to the following conditions:

- No credit will be given for payments made during the formerly selected period.
- The new payment period begins with the date requested.
- A termination charge applies for the remaining portion of former payment period.
- Nonrecurring charges will not be reapplied.
- A service order charge will not apply.

g. Renewal Options

(1) The customer has the following renewal options:

(a) Prior to completion of the current payment period, any period available under the OPP may be selected at the rates in effect for new customers at the time of the renewal. The customer will be charged the current rate for the newly selected payment period, commencing the day following completion of the prior payment period.

(b) Service may be continued on a month-to-month basis at the current rate for the one-month payment period, unless otherwise specified in this Tariff. The customer has no additional service commitment and, consequently, when service is terminated will not be subject to any termination charge. The one month service will be subject to Company-initiated rate adjustments when approved by the regulatory authority. (N)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd) (N)

20.3.10 Optional Payment Plan (Cont'd)

g. Renewal Options (Cont'd)

(1) (Cont'd)

(c) If the customer does not elect an additional payment period or does not request discontinuance of service, service will be continued at the monthly rate currently in effect for the month-to-month payment rate, under the terms specified in (b) preceding.

(2) Service connection charges are not applicable for services renewed under the OPP. Any new services added at the time of renewal will be subject to all appropriate service connection charges and other nonrecurring charges.

(3) The Company may discontinue or change any or all renewal options with approval of the appropriate regulatory authority.

h. Transfer of Service

(1) Service may be transferred to a new customer at the same location upon prior written concurrence by the new customer as specified in this Tariff. The new customer will be subject to all provisions and equipment configurations currently in effect for the previous customer. Regulations concerning transfer of service between subscribers as stated in other sections of this Tariff also apply under OPP.

i. Deferred Payment

(1) Payment of nonrecurring charges for channel services with contract payment plans may be deferred over the length of the customer's payment period or a shorter period (in annual increments) subject to the conditions specified in this paragraph.

(a) The charges to be deferred must be among the following types:

Nonrecurring Charges
Service Establishment (N)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd) (N)

20.3.10 Optional Payment Plan (Cont'd)

i. Deferred Payment (Cont'd)

(1) (Cont'd)

(b) The customer must select a payment period longer than one month.

(c) The total amount of nonrecurring charges as defined in (i)(1)(a) may be deferred.

(d) The minimum amount deferrable per OPP Contract is $4,000.00.

(e) Interest on deferred amounts will be calculated at the rate set forth in the deferred payment agreement executed by the customer. The interest rate to be charged on deferred payments will be revised periodically by the Company. If, in the judgment of the Company, the maximum interest rate allowed by law is insufficient to cover the costs of providing the deferred payment option, the Company will suspend the availability of said option until such time as the costs of providing said option can be recovered through the application of a lawful interest rate. Suspension of the deferred payment option will not affect customers who have executed a deferred payment agreement prior to the effective date of such suspension.

The deferred charges (including interest) will be prorated on a monthly basis over the selected deferral period length.

(f) All deferred charges must be paid in full when the customer:

Selects a payment period with an expiration date prior to the expiration date of the deferral period.

Disconnects service, for the system, prior to expiration of the selected deferral period.

Fails to pay a monthly amount within 30 days of its due date. (N)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd) (N)

20.3.10 Optional Payment Plan (Cont'd)

i. Deferred Payment (Cont'd)

(1) (Cont'd)

(f) (Cont'd)

Moves a service under OPP to another location in Company territory within the same state and jurisdiction, with the exception of an inside move.

(g) The customer may prepay only the total outstanding deferred charges at any time during the selected deferral period. Customer will be given a credit for the amount of unearned interest. Customer may not prepay less than the total of the outstanding deferred charges.

j. Prepayment

(1) For payment periods longer than one month, the customer may prepay the total outstanding recurring monthly rates. The prepayment of monthly rates in no way constitutes a purchase and the Company retains full ownership of all services covered by the prepayment. The following conditions apply:

(a) Customers who prepay six months or more will have an allowance applied. The prepayment factor to be used for each month prepaid will be revised periodically by the Company.

(b) Monthly rates for all services covered by a single Letter of Election must be prepaid. Monthly rates must be prepaid for services added subsequently and placed on the same Letter of Election (i.e., customer-elected coterminous option) with a prepaid system.

(c) Customers who change the length of a prepaid payment period will be credited any unused portion of the prepayment, subject to termination charges as specified in d.

(d) Customers who prematurely disconnect will have termination charges deducted from the prepaid amount and any balance credited to their bill. (N)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd) (N)

20.3.10 Optional Payment Plan (Cont'd)

k. Moves of Service(s) under OPP

(1) Termination Liability Charges will not apply to customer requests for moves of service under OPP from one location to another location subject to the following:

(a) The original and new premises locations must be in Company territory within the same state.

(b) The move from the original location to the new location must be completed within thirty days of the original premises disconnect date.

(c) No lapse in billing will occur for moves of service under OPP.

(d) Order to disconnect the existing service and reestablish it at the new location must be related together and received by the Company at the same time.

(e) Any local channels, interoffice channels, and/or optional features and functions from the original location that are not reestablished at the new location will be subject to applicable Termination Liability charges.

(f) Any additions made at the new location will be treated as coterminous additions in accordance with (c) preceding.

(g) All regulations and charges for changes made to the service coincident to the move shall apply.

(h) All appropriate nonrecurring charges for moves of service as specified in this Tariff will apply.

(i) Moves of services under OPP that involve a change from private line services to special access services or from special access services to private line services (e.g., MegaLink® service to DS1) will be considered a disconnect of service and the customer will be required to pay appropriate Termination Liability charges. (N)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd) (N)

20.3.11 SynchroNet® Service

a. General

(1) SynchroNet® service is furnished for IntraLATA Communications by the Company.

(2) The service is provided for the transmission of digital signals only and is furnished only via digital transmission facilities.

(3) SynchroNet® service provides for the simultaneous two-way transmission of synchronous digital signals at speeds of 2.4, 4.8, 9.6, 19.2, 56 and 64 Kbps between customer locations where appropriate digital facilities for this service are available as determined by the Company.

(4) Multipoint Service, Secondary Channel Capability and/or Data Over Voice may not be available in all SynchroNet® service locations.

(5) To ensure satisfactory operation, the terminal equipment provided by the customer must be compatible with the channel facility provided by the Company.

(6) Unless specified following, the regulations for SynchroNet® service specified herein apply in addition to the regulations set forth in Section 2 of this Tariff.

(7) The rates specified for SynchroNet® service are in 20.3.11c. following. The Company will provide a digital facility over existing interoffice carrier equipment and/or transmission facilities compatible with SynchroNet® service. If new equipment and facilities or changes to existing facilities are required to provide for SynchroNet® service, a special construction charge based on the cost incurred to make the changes may apply in addition to these rates.

(8) SynchroNet® service is available on a month-to-month basis or under contract plans as described in 20.3.11b. (6) following. (N)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd) (N)

20.3.11 SynchroNet® Service (Cont'd)

b. Regulations

(1) Description of Service

(a) Service is furnished for the simultaneous two-way transmission of digital signals at synchronous rates of 2.4, 4.8, 9.6, 19.2, 56 and 64 Kbps between two points or more located within a LATA. This service may also be furnished on a link (partial channel) basis[1] when connected to MegaLink® channel service.

(b) Service is furnished for duplex operation only.

(c) A minimum initial service period of 3 months is required.

(d) The design, maintenance and operation of SynchroNet® service contemplates communications originating or terminating at stations of the customer. While connections to communications systems provided by others may be made on a permissive basis as provided for in Section 2, the Company does not represent this service as adapted for such connections, and shall not be responsible for the through transmission of signals, or the quality of such transmission on such connections.

(e) A Channel Service Unit provided by the customer is required at a customer's premises to perform such functions as:

- proper termination of the service
- amplification
- signal shaping
- remote loop-back (N)

Note 1: This also applies when the Data Over Voice Channel option is used. (N)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd) (N)

20.3.11 SynchroNet® Service (Cont'd)

b. Regulations

(2) Definitions

Channel Service Unit - The term "Channel Service Unit" (CSU) denotes equipment provided by the customer to terminate a digital facility on the customer's or Other Common Carrier's premises.

Data Over Voice Channel - The term "Data Over Voice Channel" denotes a digital data channel derived from a two-wire local exchange facility that transmits voice and data signals simultaneously. A Data Over Voice Channel is provided at the speed of 9.6 Kbps and is furnished between a wire center and the demarcation point on the customer's premises over the customer's existing local exchange facility. The Data Over Voice Channel option may be used in lieu of a Digital Local Channel. Terminal equipment to support the Data Over Voice Channel must be provided by the customer.

Digital Local Channel - The term "Digital Local Channel" denotes a path for SynchroNet® service furnished from the serving wire center to the demarcation point on the customer's premises.

Digital Interoffice Channel - The term "Digital Interoffice Channel" denotes a path (or paths) for digital transmission between Serving Wire Centers and Node Central Offices or between Node Central Offices, within a LATA. An interoffice channel may be furnished in such manner as the Company may elect.

Digital Local Channel - The term "Digital Local Channel" denotes a path for SynchroNet® service furnished from the Serving Wire Center to the demarcation point on a customer's premises.

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd) (N)

20.3.11 SynchroNet® Service (Cont'd)

b. Regulations (Cont'd)

(2) Definitions (Cont'd)

Multipoint Service - The term "Multipoint Service" denotes a service which provides communications capability between more than two private line station locations by means of a bridging or hubbing arrangement. For the provision of SynchroNet® service the bridging or hubbing arrangement shall be located at the Node Central Office.

Node Central Office - The term "Node Central Office" denotes that physical location the Company has designated as a test, maintenance and monitoring center to service one or more Serving Wire Centers. There may be more than one Node Central Office within a LATA.

Secondary Channel Capability - The term "Secondary Channel Capability" denotes the offering of a companion digital transmission capability over the same physical facility as the primary channel at a lower bit rate. Terminal equipment required to support secondary channel capability must be provided by the customer.

Serving Wire Center - The term "Serving Wire Center" denotes the local telephone central office assigned to subscribers in a well defined area. A Serving Wire Center may be further designated by the Company as a Node Central Office.

(3) Method of Applying Rates

(a) A Digital Local Channel is furnished between a Serving Wire Center and the demarcation point on the customer's premises.

(b) Node Terminations are applied to each termination within the Node Central Office. A charge is applicable for each Local Channel and/or Digital Interoffice channel connected within a Node Central Office.

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd) (N)

20.3.11 SynchroNet® Service (Cont'd)

b. Regulations (Cont'd)

(3) Method of Applying Rates (Cont'd)

(c) A Digital Interoffice Channel will be required when a Digital Local Channel originates from a Serving Wire Center that is not a Node Central Office. The rate is based on airline mileage, or fraction thereof, between the Serving Wire Center and the Node Central Office.

(d) A Digital Interoffice Channel will be required between Nodes when a customer has a requirement to connect premises located in separate Nodal Service Areas. The rate is based on airline mileage, or fraction thereof, between Node Central Offices.[1]

(e) Airline distance between Company central offices are to be developed from V&H coordinates listed in the National Exchange Carrier Associated (NECA) Tariff FCC No. 4. Fractional miles are to be rounded up to the next full mile.

(f) A Data Over Voice Channel at 9.6 Kbps is available as an optional feature and may be used in lieu of a 9.6 Kbps SynchroNet® service Digital Local Channel. The customer must also subscribe to a compatible two-wire local exchange line (e.g., business exchange line). This two-wire exchange line and its associated rates and charges are in addition to the Data Over Voice Channel rates and charges. Node Termination charges apply per Data Over Voice Channel. Interoffice channel mileage charges apply between the customer's serving wire center and the node central office if the customer's serving wire center is not a node office.

A Data Over Voice Channel may be used in a two-station arrangement and a multipoint arrangement.

Note 1: When customer premises terminations are located in wire centers assigned to different primary nodes, interoffice channel mileage will be calculated from each Serving Wire Center to its assigned primary node, and interoffice channel mileage will also be calculated for the distance between the two primary nodes in the routing sequence.

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd) (N)

20.3.11 SynchroNet® Service (Cont'd)

b. Regulations (Cont'd)

(4) Connections

(a) Customer-Provided Terminal Equipment, Customer-Provided Derivation Equipment and Customer-Provided Communications Systems may be connected to SynchroNet® service when such a connection is made in accordance with the provision specified in (b) and (c) following.

(b) The responsibility of the Company shall be limited to the furnishing and maintenance of service to a network interface on the customer's premises where provision is made for the connection of local service. If the customer requires a different location in the same building, it can be provided under 20.3.11e. of this Tariff. The customer is responsible for installing and testing his premises equipment or facilities to insure that when they are connected with the SynchroNet® service such equipment or facilities are operating properly.

(c) The customer responsibility shall include cooperative testing with the Company as may be necessary. Where regeneration and/or equalization adjustments or changes may be required to compensate for rearrangements and/or changes in outside plant facilities, the customer will be responsible for all expenses incurred in changes to his premises equipment.

(d) Connection of Customer-Provided Terminal Equipment, Customer-Provided Derivation Equipment and Customer-Provided Communications Systems.

(.1) The following provisions will apply:

(.a) Customer-Provided Terminal Equipment, Customer-Provided Communications Systems may be connected at the premises of the customer, to SynchroNet® service.

(.b) The customer, by use of its own derivation equipment, may create digital bit streams from SynchroNet® service. Such equipment may be connected for transmission of such bit streams when connected through a customer-provided CSU.

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd) (N)

20.3.11 SynchroNet® Service (Cont'd)

b. Regulations (Cont'd)

(4) Connections (Cont'd)

(d) (Cont'd)

(.2) Connections to Other Services Furnished by the Company to the Same Customer

SynchroNet® service as furnished by the Company may be connected to another service or to other services furnished by the Company as specified following:

(.a) At the premises of the customer to Series 2000 analog data channels furnished under the rates and regulations of this Company's Tariff.

(.3) Connections to other services furnished by the Company to different customers.

SynchroNet® service as furnished by the Company to a customer may be connected at the premises of the customer to other services furnished by the Company to different customers as specified in (4)(b) preceding.

(.4) Connection of Channel Service Units

A Channel Service Unit (CSU) must be provided by the customer to connect a Company-provided digital facility. In accordance with Part 68 of the FCC's Rules and Regulations, new grandfathered CSUs may be connected, moved, and reconnected until June 30, 1987. After this date only registered and previously connected grandfathered CSUs may be connected to Company-provided digital facilities.

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd) (N)

20.3.11 SynchroNet® Service (Cont'd)

b. Regulations (Cont'd)

(4) Connections (Cont'd)

(d) (Cont'd)

(.4) Connection of Channel Service Units (Cont'd)

Grandfathered CSU equipment must comply with the requirements outlined in the Bell System Technical Reference Publication 62310, dated September, 1983. This publication is now available from Publishers' Data Center, Inc., P. O. Box C738, Pratt Street Station, Brooklyn, New York 11205. Registered technical requirements for CSUs are outlined in Part 68 of the FCC's Rules and Regulations. A copy may be obtained from the Federal Communications Commission, Room BB300, Washington, D.C. 20054.

(.5) Customer provided terminal equipment for the Data Over Voice Channel must be compatible with the Company provided terminating equipment at the central office. Network interface specifications are contained in BellSouth Technical Reference Publication 73548. This publication is available from the Information Exchange Manager, BellSouth Telecommunications, Inc., Documentations Operations, North W5A1, 3535 Colonnade Parkway, Birmingham, Alabama 35243.

(.6) Responsibility of the Company

(.a) The Company shall not be responsible for installation, operation or maintenance of any terminal equipment or communications systems provided by a customer. SynchroNet® service is not represented as adapted to the use of such equipment or system. Where such equipment or system is connected to Company facilities the responsibility of the Company shall be limited to the furnishing of facilities suitable for SynchroNet® service and to the maintenance and operation in a manner proper for such digital service. The Company shall not be responsible for:

(N)

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PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd) (N)

20.3.11 SynchroNet® Service (Cont'd)

b. Regulations (Cont'd)

(4) Connections (Cont'd)

(d) (Cont'd)

(.6) Responsibility of the Company (Cont'd)

(.a) (Cont'd)

- the through transmission of signals generated by such equipment or system, or for the quality of, or defects in such transmission or
- the reception of signals by such equipment or systems, or
- damage to terminal equipment or communications systems provided by a customer due to testing.

(.b) The Company shall not be responsible to the customer if changes in any of the facilities, operations or procedures of the Company utilized in the provision of SynchroNet® service render any facilities or equipment provided by a customer obsolete, or require modification or alteration of such equipment or system or otherwise affects its use or performance.

(.c) The Company undertakes to maintain and repair the facilities which it furnishes. The customer may not rearrange, disconnect, remove or attempt to repair any equipment installed by the Company without prior written consent of the Company.

(.d) The Company has set a design objective of 99.5 percent error free seconds of operation at all speeds with SynchroNet® service. This objective does not apply when the Data Over Voice Channel option is used in a circuit design.

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd) (N)

20.3.11 SynchroNet® Service (Cont'd)

b. Regulations (Cont'd)

(4) Connections (Cont'd)

(d) (Cont'd)

(.6) Responsibility of the Company (Cont'd)

(.e) The Data Over Voice Channel is provided subject to the availability of appropriate network facilities and equipment and subject to the transmission limitations of facilities and equipment used by the Company.

(5) Payment Arrangements and Credit Allowance

(a) The minimum period for which service is furnished and for which charges are applicable is 3 months.

(b) Suspension of service is not allowed.

(c) When service is interrupted due to causes other than the negligence of the customer, or the failure of facilities furnished by the customer, a credit allowance will be made upon request for the portion of the service which is affected. For the purpose of determining the amount of allowance every month is considered to have 30 days and only those stations on the interrupted portions of a service shall be considered in determining the number of stations affected. All such credit allowances shall begin from the time of notice by the customer to the Company that an unsatisfactory performance level has occurred, provided that the customer promptly releases the service as requested by the Company to perform testing and maintenance.

(.1) Interruptions of less than three hours - no credit is applied.[1]

Note 1: Two or more interruptions of 30 minutes of more, during any period up to, but not including 3 hours, shall be considered as one interruption.

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.11 SynchroNet® Service (Cont'd)

b. Regulations (Cont'd)

(5) Payment Arrangements and Credit Allowance (Cont'd)

(c) (Cont'd)

(.2) Interruptions of three hours or over are credited to the customer at the proportionate monthly charge in half-hour multiples for each half-hour or major fraction thereof of interruption.

(.3) Interruption for a period of twenty-four hours or more, credit is allowed for the proportionate part of the monthly charge in multiples of one day for each twenty-four hours or major fraction thereof of interruption for the portion of the service affected by the interruption.

(6) Contract Plans

(a) SynchroNet® service is offered under contract plan periods as described in (.1) and (.2) following.

(.1) Twenty-four to forty-two month contract plan - payment periods may be selected from twenty-four months to forty-two months.

(.2) Forty-three to sixty month contract plan - payment periods may be selected from forty-three to sixty months.

(b) The contract plans are available under conditions specified in the OPP Payment Plan in 20.3.10 of this Tariff except as follows. Increases under contract rate plans are subject to the stipulations of (c) following and in addition replaces any termination liability language in Section 2 for purposes of this tariff section. (C) (C)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd) (N)

20.3.11 SynchroNet® Service (Cont'd)

b. Regulations (Cont'd)

(5) Payment Arrangements and Credit Allowance (Cont'd)

(c) (Cont'd)

(.2) Interruptions of three hours or over are credited to the customer at the proportionate monthly charge in half-hour multiples for each half-hour or major fraction thereof of interruption.

(.3) Interruption for a period of twenty-four hours or more, credit is allowed for the proportionate part of the monthly charge in multiples of one day for each twenty-four hours or major fraction thereof of interruption for the portion of the service affected by the interruption.

(6) Contract Plans

(a) SynchroNet® service is offered under contract plan periods as described in (.1) and (.2) following.

(.1) Twenty-four to forty-two month contract plan - payment periods may be selected from twenty-four months to forty-two months.

(.2) Forty-three to sixty month contract plan - payment periods may be selected from forty-three to sixty months.

(b) The contract plans are available under conditions specified in the OPP Payment Plan in 20.3.10 of this Tariff except as follows. Increases under contract rate plans are subject to the stipulations of (c) following.

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd)

20.3.11 SynchroNet® Service (Cont'd)

b. Regulations (Cont'd)

(6) Contract Plans (Cont'd)

(c) If SynchroNet® service rates are increased in excess of ten percent (10%) during the term period, exclusive of any increase due to local, state or federal fees, taxes or surcharges, the customer may terminate service without incurring an early termination charge. At the expiration date of the customer's payment period option, the customer may select a new payment period option at the current rates or revert to current rates on a month-to-month basis. (C) | (C)

(d) A Termination Liability Charge is applicable at the date of termination if the customer terminates or disconnects the service prior to fulfilling the period of the contract plan except as follows.

(.1) A Termination Liability Charge will not apply for service that is disconnected prior to the expiration of a selected service period as a result of a customer requested change to another service provided by the Company under a contract payment plan period if all the following conditions are met:

(.a) The completed service period is twelve months, or twenty-five percent of the length of the originally selected service period, whichever is greater, and

(.b) the new contract payment plan period is equal to or longer than the remaining SynchroNet® service contract payment plan period, and

(.c) the service orders to install the new service and disconnect the old service are related together and received by the Company at the same time with no lapse in service between the installation of the new service and the disconnection of the existing service, and

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PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd) (N)

20.3.11 SynchroNet® Service (Cont'd)

b. Regulations (Cont'd)

(6) Contract Plans (Cont'd)

(c) SynchroNet® service rates under contract plans will not be increased by Company initiative until the contract period expires. Rates in effect at the time the service is installed and/or when the company is notified in writing of the subscriber's choice of payment period options, will be applicable until the contract plan expires. At the expiration date of the customer's payment period option, the customer may select a new payment period option at the current rates or revert to current rates on a month-to-month basis.

(d) A Termination Liability Charge is applicable at the date of termination if the customer terminates or disconnects the service prior to fulfilling the period of the contract plan except as follows.

(.1) A Termination Liability Charge will not apply for service that is disconnected prior to the expiration of a selected service period as a result of a customer requested change to another service provided by the Company under a contract payment plan period if all the following conditions are met:

(.a) The completed service period is twelve months, or twenty-five percent of the length of the originally selected service period, whichever is greater, and

(.b) the new contract payment plan period is equal to or longer than the remaining SynchroNet® service contract payment plan period, and

(.c) the service orders to install the new service and disconnect the old service are related together and received by the Company at the same time with no lapse in service between the installation of the new service and the disconnection of the existing service, and

PRIVATE LINE SERVICE

(N)

20.3 Interexchange Private Line Service (Cont'd)

20.3.11 SynchroNet® Service (Cont'd)

b. Regulations (Cont'd)

(6) Contract Plans (Cont'd)

(d) (Cont'd)

(.1) (Cont'd)

(.d) the service orders are for the same customer at the same location.

(.2) A Termination Liability Charge will not apply for customer requests for moves of service under OPP subject to the provisions set forth in 20.3.10 preceding.

(.3) The Termination Liability Charge is determined by multiplying the contracted monthly rate times the number of months in the contract plan, less the contracted monthly rate times the number of months the service has been installed. An example is provided in (.a) following.

(.a) A customer subscribes to SynchroNet® service using the twenty-four to forty-two month payment plan. The actual duration of the contract plan is for thirty months. The subscriber terminates the service after twelve months. The total liability charge is thirty months times the monthly rate. the amount is then reduced to reflect the number of months the subscriber has had the service, which in this example is twelve months. Therefore, the Termination Liability Charge is calculated as follows:

Termination Liability Charge = (30 months x monthly rate) - (12 months x monthly rate)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd) (N)

20.3.11 SynchroNet® Service (Cont'd)

c. Rates and Charges

(1) Service wholly within the same LATA.

(a) A Digital Local Channel is furnished between a Serving Wire Center and the customer's premises. The Digital Local Channel charges apply per local channel.

		Monthly Rate SEE CURRENT PRICE LIST		24 to 42	43 to 60	Nonrecurring Charge	
		Minimum	Maximum	Months	Months	First	Add'l.
(.1)	2.4 Kbps	$45.00	$55.00	$49.00	$47.00	$340.00	$105.00
(.2)	4.8 Kbps	45.00	55.00	49.00	47.00	340.00	105.00
(.3)	9.6 Kbps	45.00	55.00	49.00	47.00	340.00	105.00
(.4)	19.2 Kbps	45.00	55.00	49.00	47.00	340.00	105.00
(.5)	56.0 Kbps	65.00	75.00	65.00	60.00	340.00	105.00
(.6)	64.0 Kbps	65.00	75.00	65.00	60.00	340.00	105.00

(b) A Node Channel Termination is required at the Company's Node Central Office. Node Channel Termination per local channel, each.

(.1)	2.4 Kbps	12.00	13.00	11.75	11.50	37.00	32.00
(.2)	4.8 Kbps	12.00	13.00	11.75	11.50	37.00	32.00
(.3)	9.6 Kbps	12.00	13.00	11.75	11.50	37.00	32.00
(.4)	19.2 Kbps	12.00	13.00	11.75	11.50	37.00	32.00
(.5)	56.0 Kbps	25.00	33.00	28.00	26.00	37.00	32.00
(.6)	64.0 Kbps	25.00	33.00	28.00	26.00	37.00	32.00

(c) A Digital Interoffice Channel is furnished between a serving wire center and the Node Central Office or between Node Central Offices. Digital interoffice mileage is portrayed in bands. The appropriate mileage band for calculating interoffice mileage rates is determined by the total length in miles of that interoffice channel. A flat rate and a per mile apply to each band for each Digital Interoffice Channel provided.[1]

Note 1: Refer to the National Exchange Carrier Association (NECA) Tariff FCC No. 4 for mileage measurement methodology and wire center vertical (V) and horizontal (H) coordinates.

® Registered Service Mark of BellSouth Corporation (N)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd) (N)

20.3.11 SynchroNet® Service (Cont'd)

c. Rates and Charges (Cont'd)

(1) (Cont'd)

(c) (Cont'd)[1]

(.1) Interoffice Channel, each channel 0-8 miles

(.a) Fixed rates applicable

	Monthly Rate SEE CURRENT PRICE LIST Minimum	Maximum	24 to 42 Months	43 to 60 Months	Nonrecurring Charge
(i) 2.4, 4.8, 9.6 and 19.2 Kbps	$15.00	$22.00	$19.50	$19.00	$93.00
(ii) 56.0 and 64.0 Kbps	35.00	44.00	36.00	34.00	93.00

(.b) Each mile or fraction thereof

(i) 2.4, 4.8, 9.6 and 19.2 Kbps	1.00	2.25	1.90	1.75	-
(ii) 56.0 and 64.0 Kbps	2.00	4.50	3.80	3.10	-

(.2) Interoffice Channel, each 9-25 miles

(.a) Fixed rates applicable

(i) 2.4, 4.8, 9.6 and 19.2 Kbps	15.00	22.00	19.50	19.00	93.00
(ii) 56.0 and 64.0 Kbps	35.00	44.00	36.00	34.00	93.00

(.b) Each mile or fraction thereof

(i) 2.4, 4.8, 9.6 and 19.2 Kbps	1.00	2.20	1.85	1.70	-
(ii) 56.0 and 64.0 Kbps	2.00	4.40	3.70	3.00	-

Note 1: Refer to the National Exchange Carrier Association (NECA) Tariff FCC No. 4 for mileage measurement methodology and wire center vertical (V) and horizontal (H) coordinates.

® Registered Service Mark of BellSouth Corporation (N)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd) (N)

20.3.11 SynchroNet® Service (Cont'd)

c. Rates and Charges (Cont'd)

(1) (Cont'd)

(c) (Cont'd)[1]

(.3) Interoffice Channel, each channel over 25 miles

(.a) Fixed rates applicable

		Monthly Rate SEE CURRENT PRICE LIST Minimum	Maximum	24 to 42 Months	43 to 60 Months	Nonrecurring Charge
(i)	2.4, 4.8, 9.6 and 19.2 Kbps	$15.00	$22.00	$19.50	$19.00	$93.00
(ii)	56.0 and 64.0 Kbps	35.00	44.00	36.00	34.00	93.00

(.b) Each mile or fraction thereof

(i)	2.4, 4.8, 9.6 and 19.2 Kbps	1.00	2.15	1.80	1.65	-
(ii)	56.0 and 64.0 Kbps	2.00	4.30	3.60	2.90	-

Note 1: Refer to the National Exchange Carrier Association (NECA) Tariff FCC No. 4 for mileage measurement methodology and wire center vertical (V) and horizontal (H) coordinates.

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd) (N)

20.3.11 SynchroNet® Service (Cont'd)

c. Rates and Charges (Cont'd)

(2) Service Options

(a) Multipoint Service, per local or interoffice channel bridged[1,2]

	Monthly Rate SEE CURRENT PRICE LIST				
	Minimum	Maximum	24 to 42 Months	43 to 60 Months	Nonrecurring Charge
(.1) 2.4, 4.8, 9.6 or 19.2 Kbps	20.00	28.00	24.00	22.00	28.00
(.2) 56.0 Kbps	20.00	28.00	24.00	22.00	28.00

(b) Secondary Channel Capabilities, per local channel

(.1) Each[1,2,3]	10.00	17.00	14.00	13.00	225.00

c) Data Over Voice Channel, per local channel[1,4,5]

(.1) 9.6 Kbps	31.00	40.00	30.00	28.00	555.00

Note 1: This option may not be available in all service locations.

Note 2: This option is not available with 64.0 Kbps.

Note 3: Nonrecurring charge is applicable only if Secondary Channel service is being added subsequent to the installation of basic service.

Note 4: This option may be used in lieu of 9.6 Kbps Digital Local Channel in 20.3.11c.(1)(a) preceding. All other SynchroNet® service rate elements apply as appropriate.

Note 5: Secondary Channel Capability cannot be provided when this option is used.

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PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd) (N)

20.3.11 SynchroNet® Service (Cont'd)

d. Type of Rates and Charges

(1) The two types of rates and charges are monthly rates and nonrecurring charges and are described as follows:

(a) Monthly Rates

Monthly rates are recurring charges that apply each month or fraction thereof that a service is provided. For billing purposes, each month is considered to have 30 days.

(b) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for a specific work activity. The three types of nonrecurring charges that apply are installation of service, installation of features and functions and service rearrangements.

(.1) Installation of Service

Nonrecurring charges apply for each service terminated at the customer's premises. For the installation of local channels when more than one of the same type of service, between the same locations, for the same customer is ordered and installed at the same time, one at each location is billed at the First Service Installed rate and the others are billed at the Additional Service Installed rate.

The nonrecurring charges for the Installation of Services are set forth in 20.3.11c. preceding.

(.2) Nonrecurring charges apply for the installation of features and functions available with the various services. For some features and functions there is a lower charge if installed coincident with the service and a higher charge if installed subsequent to the service. Nonrecurring charges for Optional Features and Functions are set forth in 20.3.11c.(2) preceding.

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd) (N)

20.3.11 SynchroNet® Service (Cont'd)

d. Type of Rates and Charges (Cont'd)

(1) (Cont'd)

(b) Nonrecurring Charges (Cont'd)

(.3) Service Rearrangements

(.a) Service rearrangements are changes to existing (installed) services which do not result in either a change in the minimum period requirements or a change in the physical location of the point of termination at a customer premises. Changes which result in the establishment of new minimum period obligations are treated as disconnects and starts. Changes in the physical location of the point of termination are treated as moves and are described and charged for as set forth in 20.3.11e.

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

Administrative changes will be made without charge(s) to the customer. Such changes require the continued provision and billing of the Private Line Service to the same entity (i.e., customer remains responsible for all outstanding indebtedness for the service). Administrative changes are as follows:

- Change of customer name (i.e., the customer of record does not change but rather the customer of record changes name).

- Change of customer or customer's premises address when the change of address is not a result of a physical relocation of equipment.

- Change in billing data (name, address or contact name or telephone number).

® Registered Service Mark of BellSouth Corporation

(N)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd) (N)

20.3.11 SynchroNet® Service (Cont'd)

d. Type of Rates and Charges (Cont'd)

(1) (Cont'd)

(b) Nonrecurring Charges (Cont'd)

(.3) Service Rearrangements (Cont'd)

(.b) All other service rearrangements will be charged for as follows:

- If the change involves the addition of other customer designated premises to an existing multipoint service, the nonrecurring charge for the local channel rate element will apply. The charges will apply only for the location(s) that is being added.

- If the change involves the addition of an optional feature or function which has a separate nonrecurring charge, that nonrecurring charge will apply.

- Customer required changes of data transmission rate for a SynchroNet® service, subsequent to initial installation where no premises visit is required, will not be treated as a change of service. One-half of the nonrecurring charges as outlined in 20.3.11c.(1) and (2) will be applicable for these data transmission rate changes.

- For all other changes, including a change of the customer of record involving no physical changes to the service provided or the addition of optional features without separate nonrecurring charges, a charge equal to a local channel rate element nonrecurring charge will apply. Only one such charge will apply per service order, per change.

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd) (N)

20.3.11 SynchroNet® Service (Cont'd)

e. Moves

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

(a) The point of interface at the customer premises.

(b) The customer's premises.

(2) The charges for the move are dependent on whether the move is to a new location within the same building or to a different building.

(a) Moves Within the Same Building

When the move is to a new location within the same building, the charge for the move will be an amount equal to one-half the nonrecurring (i.e., installation) charge for the affected service termination at the customer's premises. There will be no change in the minimum period requirements. If a move is made at the same time a service rearrangement is made, the total charge will never exceed a full nonrecurring charge for the basic service.

(b) To a Different Building

Moves to a different building, other than addressed in (c) following, will be treated as a discontinuance and start of service and all associated nonrecurring charges will apply. New minimum period requirements will be established at the new location. The customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued service.

(c) Moves of Service(s) under OPP

Customer requests for moves of service, other than inside moves, will be subject to the conditions stated in 20.3.10 preceding.

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd) (N)

20.3.12 Custom Network Service

a. General

(1) Custom Network Service is furnished to provide custom-designed IntraLATA Private Line Service networks. Each network design is tariffed herein as a Custom Network Service Arrangement, and each is further identified with a roman numeral designation (e.g., Custom Network Service Arrangement I).

(2) A Custom Network Service Arrangement is only available under a contractual payment period according to the regulations, terms and conditions specified herein.

(3) The Private Line Services provided in a Custom Network Service Arrangement are subject to the general regulations for service stated elsewhere in this Tariff, except where specified otherwise in a Custom Network Service Arrangement.

(4) In order to subscribe to Custom Network Service Arrangement, the customer's network must meet the minimum requirements stated within that specific Custom Network Service Arrangement with regard to network design and size. The customer must also agree to the terms and conditions stated therein.

b. Custom Network Service Arrangement I

(1) Custom Network Service Arrangement I is provided to furnish a large data network composed of SynchroNet® service (may be referred to herein as digital data service).

(2) This arrangement will provide the regulations, and rates and charges to allow the provisioning of a very large data network for the specified payment period.

(3) The digital data service provided in Custom Network Service Arrangement I will be subject to the regulations in this Tariff which apply to SynchroNet® service from Section 20.3.11, except where stated otherwise herein.

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd) (N)

20.3.12 Custom Network Service (Cont'd)

b. Custom Network Service Arrangement I (Cont'd)

(4) Regulations

(a) Custom Network Service Arrangement I is provided under a fixed five (5) year payment period and shall be administered in accordance with the regulations contained in the Optional Payment Plan, 20.3.10, except as follows:

(.1) The customer has the following options for service following the expiration of the five-year payment period:

(.a) The customer may elect to enter into a new Custom Network Service Arrangement I payment agreement at the rates in effect herein for new customers at the time the contract service expires.

(.b) The customer may elect that the network service revert back to the generally available SynchroNet® service rates in Section 20.3.11 that are in effect at the time the contract service expires.

(.c) The customer may elect that all Custom Network Service be disconnected at the expiration of the contract period. No Termination Liability Charges shall apply.

(.d) If customers do not elect (.a), (.b), or (.c), preceding or do not notify the Company of their intentions prior to the time the contract service expires, service shall be continued at the monthly rates currently in effect for month-to-month SynchroNet® service from Section 20.3.11 until notified otherwise by the customer.

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd) (N)

20.3.12 Custom Network Service (Cont'd)

b. Custom Network Service Arrangement I (Cont'd)

(4) Regulations (Cont'd)

(a) (Cont'd)

(.2) The minimum size for a Custom Network Service Arrangement I shall be 600 digital data local channels located in the Company serving area in South Carolina. The customer's data network may be less than the 600 digital data local channel minimum size upon electing to subscribe to Custom Network Service Arrangement I, however, the network size must grow to the 600 digital data local channel minimum by the first anniversary date (twelve months) and 700 digital data local channels by the second anniversary date (twenty-four months) of the signing of the payment agreement for Custom Network Service Arrangement I. The size of the data network shall remain a minimum of 700 digital data local channels for the remainder of the five-year payment period.

The data network provided under Custom Network Service Arrangement I shall be reviewed annually on the anniversary date of the signaling of the payment agreement for Custom Network Service Arrangement I. The purpose of each annual review will be to determine if the terms of Custom Network Service Arrangement I are being met and the data network minimum size has been satisfied.

(.a) If the count of digital data local channels is the stated minimum or above on the anniversary date, the network minimum has been met. (N)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd) (N)

20.3.12 Custom Network Service (Cont'd)

b. Custom Network Service Arrangement I (Cont'd)

(4) Regulations (Cont'd)

(a) (Cont'd)

(.2) (Cont'd)

(.b) If the count of digital data local channels is less than the stated minimum on the anniversary date, the network minimum has not been satisfied and the customer may no longer subscribe to Custom Network Service Arrangement I. The customer's network shall revert to the rates and regulations for SynchroNet® service available in Section 20.3.11 of this Tariff. This shall not be considered as a disconnect of the customer's service and a Termination Liability Charge as described in (.c) following shall not apply.

(.c) The disconnect or moves of Custom Network Service Arrangement I services (individual local and/or interoffice channels, node channel terminations and/or associated optional features) inside the Company serving area in South Carolina during the Custom Network Service Arrangement I payment period shall be considered as partial disconnects of the network and shall not incur a Termination Liability Charge. A Termination Liability Charge shall apply only for the complete disconnect of all service within Custom Network Service Arrangement I (except as specified in (.d) following) and shall be calculated as follows:

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(N)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd) (N)

20.3.12 Custom Network Service (Cont'd)

b. Custom Network Service Arrangement I (Cont'd)

(4) Regulations (Cont'd)

(a) (Cont'd)

(.2) (Cont'd)

(.c) (Cont'd)

- The Termination Liability Charge shall be equal to the appropriate monthly rates as specified herein Custom Network Service Arrangement I times the number of months remaining in the payment period, times the quantities of service in place at the time of disconnect. A minimum quantity of 600 digital data local channels shall be used in this calculation if the disconnect occurs prior to the end of the second year of this agreement and the actual number of digital data local channels at the time of disconnect is less than this stated network minimum; if the disconnect occurs after the second year of this agreement, a minimum of 700 digital data local channels shall be used in this calculation if the actual number of digital data local channels at the time of disconnect is less than this network minimum.

(.d) A Termination Liability Charge as specified in (.c) preceding shall apply for the complete disconnect of Custom Network Service Arrangement I unless both of the following conditions are met: 1) the disconnect occurs after Custom Network Service Arrangement I has been in-place for a minimum of twenty-four months and 2) if the customer elects another Custom Network Service Arrangement for a period of time equal to or greater than the amount of time remaining in his Custom Network Service Arrangement I payment period. If these conditions are met, no Termination Liability Charge shall apply. (N)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd) (N)

20.3.12 Custom Network Service (Cont'd)

b. Custom Network Service Arrangement I (Cont'd)

(4) Regulations (Cont'd)

(a) (Cont'd)

(.3) Nonrecurring charges specified in (5) do not apply for the conversion of digital data service in-place at the time the customer establishes Custom Network Service Arrangement I. Termination Liability Charges shall not apply for the conversion of in-place digital data service that was being provided under a contractual payment period; however, no service credit will be given for the former contractual period. Requests for new service to be added to the customer's network will be subject to the nonrecurring charges specified in (5) except as follows:

- Nonrecurring charges specified in (5) shall not apply for new digital data service ordered during the first four months following the establishment of each customer's Custom Network Service Arrangement I; specifically, nonrecurring charges will not apply when the service order application date falls within this four-month period and service is to be placed within the standard installation interval. (N)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd) (N)

20.3.12 Custom Network Service (Cont'd)

b. Custom Network Service Arrangement I (Cont'd)

(5) Rates and Charges

(a) SynchroNet® Service[1]

(.1) Digital Local Channel, each

		Monthly Rate	Nonrecurring Charge First	Additional
(.a)	2.4 Kbps	$45.00	$340.00	$105.00
(.b)	4.8 Kbps	45.00	340.00	105.00
(.c)	9.6 Kbps	45.00	340.00	105.00
(.d)	19.2 Kbps	45.00	340.00	105.00
(.e)	56.0 Kbps	56.00	340.00	105.00
(.f)	64.0 Kbps	56.00	340.00	105.00

(.2) Node Channel Termination, each

(.a)	2.4 Kbps	10.00	37.00	32.00
(.b)	4.8 Kbps	10.00	37.00	32.00
(.c)	9.6 Kbps	10.00	37.00	32.00
(.d)	19.2 Kbps	10.00	37.00	32.00
(.e)	56.0 Kbps	24.00	37.00	32.00
(.f)	64.0 Kbps	24.00	37.00	32.00

(.3) Digital Interoffice Channel

(.a) Interoffice Channel

Fixed rates applicable

		Monthly Rate	Nonrecurring Charge
(i)	2.4, 4.8, 9.6 and 19.2 Kbps	$18.00	$93.00
(ii)	56.0 and 64.0 Kbps	31.00	93.00

Note 1: The monthly rates shown are for the fixed five-year payment period.

® Registered Service Mark of BellSouth Corporation (N)

PRIVATE LINE SERVICE

20.3 Interexchange Private Line Service (Cont'd) (N)

20.3.12 Custom Network Service (Cont'd)

b. Custom Network Service Arrangement I (Cont'd)

(5) Rates and Charges (Cont'd)

(a) SynchroNet® Service[1] (Cont'd)

(.3) Digital Interoffice Channel (Cont'd)

(.a) Interoffice Channel (Cont'd)

Each mile or fraction thereof

		Monthly Rate	Nonrecurring Charge
(i)	2.4, 4.8, 9.6 and 19.2 Kbps	$ 1.55	$ -
(ii)	56.0 and 64.0 Kbps	3.10	-

(.4) MultiPoint Service/Bridging (Optional Feature)

Per local or interoffice channel bridged[2,3]

(.a)	2.4, 4.8, 9.6 and 19.2 Kbps	10.00	28.00
(.b)	56.0 Kbps	10.00	28.00

(.5) Secondary Channel Capabilities, per local channel

(.a)	Each[2,3,4]	10.00	225.00

Note 1: The monthly rates shown are for the fixed five-year payment period.

Note 2: This option may not be available in all service locations.

Note 3: This option is not available with 64.0 Kbps.

Note 4: Nonrecurring charge is applicable only if Secondary Channel service is being added subsequent to the installation of basic service.

® Registered Service Mark of BellSouth Corporation (N)

PRIVATE LINE SERVICE

20.4 Radio Program Transmission Channels (C)(M)

Contel of South Carolina, Inc. assents to, adopts and concurs with the rates, regulations and conditions applicable to all radio broadcast facilities furnished as they are filed with the Federal Communications Commission in Contel Tariff F.C.C. No. 3. The concurrence applies to all facilities, both interexchange and intraexchange.

20.5 Exceptions (C)

The rates, charges and contract terms for the following items have been established to meet the particular requirements of certain customers. Inclusion of the rates and codes herein in no way constitutes authorization for any customer other than those specified.

(1) The State of south Carolina

(a) CSD No. SC93005E

This service arrangement provides for digital data circuits at speeds of 4.8, 9.6, 19.2 and/or 56 Kbps. Rates are stabilized for five years with a sixty month service period. If service is terminated prior to the minimum service period, the customer will be responsible for all termination charges. The termination charges will be the monthly rate times the number of months between the time of disconnection and the end of the sixty month period.

	Nonrecurring Charge	60 Months Monthly Rate	GSEC
Special Access Line, per circuit	$ -	$ 70.00	PLSC93005E
Interoffice Transport, per circuit, per air-line mile or fraction	-	4.50	PLSC93005E-1

These rates and charges are in addition to any other applicable rates covered in the Company's tariffs. (M)

PRIVATE LINE SERVICE

20.5 Exceptions (Continued)

(2) Kemet Industries

(a) CSD Nos. SC94015E, SC94057E, SC94068E, SC95014E (C)

This service arrangement provides four-wire switched datapath (non-redundant); route diversity via dedicated SONET ring; and DS3 (with DS3 to DS1 multiplexing) service for Kemet Industries, Simpsonville, South Carolina. Rates are stabilized for seven years with a seven-year (84 months) service period. If service is terminated prior to the minimum service period, the customer will be responsible for all termination charges. The termination charges will be the monthly rate times the number of months between the time of disconnection and the end of the seven-year (84 months) period.

	Nonrecurring Charge	84 Months Monthly Rate	GSEC	
Four-Wire Switched Datapath				
- Access Loop-				
Single Line	$ 50.00		SWDSC94015E-2	
		$ 50.00	SWDSC94015E	
- Channelization-				
Single Line	50.00		SWDSC94015E-2	
		12.00	SWDSC94015E-1	
Route Diversity				
- From Kemet Head-quarters to Build-ing Two	-	855.00	LOCSC94057E	(C) (C)
- From Kemet Head-quarters to Build-ing Three	-	590.00	LOCSC95014E	(N) (N)
DS3 (with DS3 to DS1 multiplexing)	1,350.00		PLSC94068E-1	
		1,010.00	PLSC94068E	

These rates and charges are in addition to any other applicable rates covered in the Company's tariffs.