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B3. CHANNELS

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B3. CHANNELS

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(M)

B3. CHANNELS

B3.1 Provision Of Service

B3.1.1 General

- A. Channel Services provided under the provisions of this *Guidebook* 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. (T)
- 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 multipoint service is furnished, the local channels are bridged in the wire center.
- D. Dedicated circuits between the customer's interLATA Electronic Tandem Switching (ETS), Digital Electronic Tandem Switching (DETS) or Tandem Switching Features (TSF) functions and the customer's other location(s) within the same LATA will be provided from this *Guidebook*. Where this service is provided by the Company as a feature of ESSX service, Digital ESSX service, MultiServ service, MultiServ PLUS service, or BellSouth Centrex service, the transport of traffic between the ETS, DETS or TSF function and the basic ESSX service, Digital ESSX service, MultiServ service, MultiServ PLUS service, or BellSouth Centrex service functions may be performed by the Company's network switching facilities. (T)

B3.1.2 Application

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

B3.1.3 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 a designated 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

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.

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 B3.3.3.A.
 - 3. Non-Wire Center Connected Channels

This service has been obsoleted and is not available for new installations, moves or transfers as specified in Section B103.2.3. See Section B103.2.3.B for channel charges applicable when existing cable facilities are utilized for non-wire center connected channels.

Direct serve cable will be placed by the Company where practicable, for the private line and/or exchange related private line service of a customer, between different buildings on different premises of the customer.

Direct serve cable is a non-wire center connected metallic facility, that does not contain signaling or conditioning arrangements, with a 1000 Hz net loss of up to 4dB, maximum loop resistance of up to 600 ohms and a maximum cable route length of two (2) miles.

The customer shall be responsible for the installation, operation and maintenance of any customer-provided terminal equipment or communications system, as well as determining and assuring the performance of such equipment on direct serve cable.

B3. CHANNELS

B3.1 Provision Of Service (Cont'd)

B3.1.3 Rate Categories (Cont'd)

A. Following are the basic rate categories which apply to Private Line service. (Cont'd)

3. Non-Wire Center Connected Channels (Cont'd)

The customer shall be responsible for the payment of a Trouble Determination Charge as provided in B2.6.12. for maintenance visits by the Company employee when a service difficulty or trouble report results from customer provided terminal equipment or communications system. (T)

The customer shall be responsible for the payment of maintenance and/or repair cost of direct serve cable when trouble is caused by the customer or customer provided equipment.

Direct serve cable will be provided based on cost. Payment of nonrecurring charges may be required prior to the start of construction of a direct serve facility.

4. Optional Features and Functions

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 identifiable with specific equipment, but rather represent the end result in terms of the performance characteristics which may be obtained. This category includes a. and b. following:

a. 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.

b. Provides for such things as signaling, conditioning, transfer arrangements, protection switching, etc.

B3.1.4 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.

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 six two-wire facility type local channels or 20 four-wire facility type local channels when used with customer-provided station equipment.

d. Only certain types of service are available for multipoint applications. These are so designated in the service descriptions set forth in B3.2 following.

B3. CHANNELS

B3.1 Provision Of Service (Cont'd)

B3.1.5 Special Routing Of IntraLATA Channels

- A. The private line services furnished in this *Guidebook* are provided over such routes as the Company may elect. (T)
- 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 includes 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.

B3.2 Service Descriptions

B3.2.1 Sub Voice Grade Services - Series 1000 Channels

- A. These channels are furnished for operation on a two point or multipoint basis subject to the number of point limitations indicated for each type and are provided for use with customer-provided power and signaling equipment. It is expressly declared that metallic facilities are in continually decreasing supply and that the Company does not hold itself in a position to make such facilities available. In addition, if modernization programs dictate the replacement of existing metallic facilities with non-metallic facilities such as fiber optics, the Company will not be required to continue this service over metallic facilities. In consideration of the decreasing supply of metallic facilities, the Company will convert a customer's service requiring such facilities to a Voice Grade Service and waive the nonrecurring charges associated with the change. This applies to customers where metallic facilities are being replaced with non-metallic facilities, or a customer may elect to make this change at any time prior to a modernization program that would eliminate the availability of metallic facilities. The various types of services furnished within this Series are as follows:
 1. Type 1204 - a two-wire interface with two-wire facilities suitable for use with direct current continuity type of equipment. Signaling must be within the criteria as described in Technical Reference, "Transmission Specifications for Private Line Metallic Circuits" and limited to three station locations. This type channel may also be used to furnish auxiliary features (such as lights, hold, signaling, etc.)

Current applied by CPE	- ac & dc components per conductor, not to exceed 0.150 amperes rms
Magnitude of the peak of the voltage between any conductor and ground	- not to exceed 70.7 volts (50 volts rms) except continuous dc voltage not to exceed 135 volts.
 2. Type 1205 - A two-wire interface with two-wire facilities suitable for low speed, uni-directional series-operated signaling. Transmission specifications as described in Technical Reference, "Transmission Specification for Low Speed Signaling System Channels". Service is limited to three serving wire centers and 26 stations.

B3. CHANNELS

B3.2 Service Descriptions (Cont'd)

B3.2.2 Voice Grade Service - Series 2000 (Cont'd)

F. Telemetry/Alarm Bridging Service (TABS)

1. *Terms and Conditions*

- a. This section contains the *terms and conditions* applicable for Telemetry/Alarm Bridging Service (TABS) (T)
- b. Except as otherwise specified following, the *terms and conditions* contained herein are in addition to the *terms and conditions* found in other sections of this Guidebook. (T)
- c. TABS requires the use of equipment as specified in F. and Type 2261 or 2462 voice grade local channels described in C. preceding.
- d. Terminal equipment provided by the customer for use with TABS must meet specifications for such customer-provided equipment found in other sections of this Guidebook.
- e. No more than 128 remote stations may be connected to a master station over an individual Split Band Active Bridge.
- f. 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.
- g. Secondary bridges, utilized in Split Band, Active 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-wire remote station connections. Each subsequent secondary bridge reduces the primary bridge capacity by four additional two-wire remote station connections. At the customer's option external bridging may be provided for connecting secondary bridges at the rate applicable in B3.4.4.A.1.a. without reducing the two-wire capacity of the primary bridge.
- h. Standard multipoint bridging charges as provided in other sections of this Guidebook are not applicable to TABS, except as provided in g. preceding.
- i. Access over four-wire master station channels for Split Band Active Bridging is provided using a Type 2462 local channel.
- j. Access over remote station channels is provided through a Type 2261 local channel and through the appropriate channel connection as contained in B3.4.4.A.1.e. following. Interconnection 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 B3.4.3 following.
- k. Access over each four-wire mid-link channel for Split Band Active Bridging is through voice grade interoffice channels at charges contained in B3.4.3. Additionally, mid-link channel connections are required as described in B3.4.4.A.1.e. following.

B3. CHANNELS

B3.3 Rate *Terms and Conditions*

(T)

B3.3.1 Types of Rates and Charges

A. The two types of rates and charges are monthly rates and nonrecurring charges and are described as follows:

1. 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.

Rates applicable to a month-to-month payment option are subject to Company initiated changes.

2. 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.

B3. CHANNELS

B3.3 Rate Terms and Conditions (Cont'd)

(T)

B3.3.1 Types Of Rates And Charges (Cont'd)

A. (Cont'd)

2. Nonrecurring Charges (Cont'd)

a. 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 B3.4 following as Nonrecurring Charges for the Local Channel and Interoffice Channel rate elements.

b. 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.

c. Service Rearrangements

(1) 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 B3.3.2.

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).

(2) 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.
- 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.

B3. CHANNELS

B3.3 Rate *Terms and Conditions* (Cont'd)

(T)

B3.3.1 Types Of Rates And Charges (Cont'd)

A. (Cont'd)

2. Nonrecurring Charges (Cont'd)

c. Service Rearrangements (Cont'd)

(2) All other service rearrangements will be charged for as follows: (Cont'd)

- 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.

B3.3.2 Moves

A. A move involves a change in the physical location of one of the following:

1. The point of interface at the customer premises.
2. The customer's premises.

B. 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.

1. 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.

2. 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.

B3.3.3 Mileage Measurements

A. 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:

1. Obtain the "V" and "H" coordinates for each wire center, as listed in the National Exchange Carrier Association Tariff F.C.C. No. 4.
2. Obtain the difference 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.)
3. Square each difference obtained in 2. preceding.
4. Add the squares of the "V" difference and the "H" difference obtained in 3. preceding.
5. Divide the sum of the squares obtained in 4. preceding by 10.

B3. CHANNELS

B3.3 Rate Terms and Conditions (Cont'd)

(T)

B3.3.3 Mileage Measurements (Cont'd)

A. (Cont'd)

- 6. Obtain the square root of the result obtained in 5. This is the rate distance in miles. (Fractional miles being considered as full miles.)

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

- B. 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.
- C. 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 B., which will connect the wire centers of the service points in the specified sequence.

B3.4 Rates And Charges

B3.4.1 Local Channels

	Monthly Rate	Nonrecurring Charge		USOC
		First	Additional	
A. Sub Voice Grade				
1. Per point of termination				
(a) Type 1204	\$97.00	\$229.90	\$92.00	P1JAX
(b) Type 1205	89.00	399.30	163.40	P1JHX
B. Voice Grade				
Per point of termination				
1. Voice				
(a) Type 2230	262.00	375.10	145.20	P2JUX
(b) Type 2231	262.00	381.20	151.30	P2JHX
(c) Type 2432	393.00	441.40	187.60	P2JQX
(d) Type 2434	83.00	175.50	100.40	P2JGX
(e) Type 2435	393.00	405.40	169.40	P2JWX
(f) Type 2261	305.00	441.70	296.50	P2JLX
(g) Type 2462	363.00	617.10	290.40	P2JRX
2. Data				
(a) Type 2463	415.00	459.80	205.70	P2JMX
(b) Type 2464	415.00	453.80	205.70	P2JNX

B4. EQUIPMENT

B4.1 (DELETED)

Trouble Determination Charge is now located in Section B2.

(T)

B4. EQUIPMENT

B4.2 Voice Communicating Equipment

B4.2.1 Signaling¹

- A. (DELETED)
- B. (DELETED)

Note 1: Signaling is now located in Section B3.

(T)

B4. EQUIPMENT

B4.2 Voice Communicating Equipment (Cont'd)

B4.2.1 Signaling (Cont'd)¹

- B.** (DELETED)
- C.** (Obsoleted - See Section B104.)
 - 1. (Obsoleted - See Section B104.)
 - a. (Obsoleted - See Section B104.)
 - (1) (Obsoleted - See Section B104.)

- (a) (DELETED)
- (b) (DELETED)
- (c) (DELETED)
- (d) (Obsoleted - See Section B104.)
- (e) (Obsoleted - See Section B104.)

	Installation Charge	Monthly Rate	USOC
(d)	\$-	\$-	NA
(e)	-	-	NA

- D.** (Obsoleted - See Section B104.)
 - 1. (Obsoleted - See Section B104.)
 - a. (Obsoleted - See Section B104.)
 - (1) (Obsoleted - See Section B104.)
 - (a) (DELETED)
 - (b) (DELETED)
 - (c) (DELETED)
 - (d) (DELETED)
 - (e) (DELETED)

Note 1: Signaling is now located in Section B3.

(T)

B4. EQUIPMENT

B4.2 Voice Communicating Equipment (Cont'd)

B4.2.1 Signaling¹ (Cont'd)

D. (Obsoleted - See Section B104.)

C. (Obsoleted - See Section B104.)

B4.2.2 Reserved For Future Use

B4.2.3 (DELETED)

Note 1: Signaling is now located in Section B3.

(T)

B4. EQUIPMENT

B4.3 Data Communicating Equipment

B4.3.1 (DELETED)

B4.3.2 (DELETED)

Dataphone Select-A-Station Service is now located in Section B3.

(T)

B4. EQUIPMENT

B4.3 Data Communicating Equipment (Cont'd)

B4.3.2 (DELETED)

Dataphone Select-A-Station Service is now located in Section B3.

(T)

B4. EQUIPMENT

B4.3 Data Communicating Equipment (Cont'd)

B4.3.2 (DELETED)

Dataphone Select-A-Station Service is now located in Section B3.

(T)

B4.3.3 (DELETED)

Telemetry/Alarm Bridging Service (TABS) is now located in Section B3.

(T)

B4. EQUIPMENT

B4.3 Data Communicating Equipment (Cont'd)

B4.3.3 (DELETED)

Telemetry/Alarm Bridging Service (TABS) is now located in Section B3.

(T)

B4. EQUIPMENT

B4.3 Data Communicating Equipment (Cont'd)

B4.3.3 (DELETED)

Telemetry/Alarm Bridging Service (TABS) is now located in Section B3.

(T)

B4. EQUIPMENT

B4.3 Data Communicating Equipment (Cont'd)

B4.3.3 (DELETED)

Telemetry/Alarm Bridging Service (TABS) is now located in Section B3.

(T)

B4.4 Reserved For Future Use

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TITLE PAGE
PRIVATE LINE GUIDEBOOK
FOR THE
STATE OF LOUISIANA

This Guidebook contains *terms, conditions* and rates applicable for the furnishing of Intrastate Private Line Service by BellSouth Telecommunications, LLC within this State.¹ (T)

Intrastate communication services are furnished through facilities provided by the Company for the transmission of intelligence by electrical impulse, principally by means of wire, radio, or a combination thereof.

Note 1: Wherever in this Guidebook or its headings, the term "Company" or the name "South Central Bell", "BellSouth Telecommunications" or "BellSouth" appears, that shall mean and shall refer to BellSouth Telecommunications, LLC d/b/a AT&T Louisiana or AT&T Southeast, unless the context clearly indicates otherwise.

PRIVATE LINE GUIDEBOOK FOR THE STATE OF LOUISIANA

EXPLANATION OF SYMBOLS

When changes are made on any page, a revised page will be issued canceling the page affected; such changes will be identified through the use of the following symbols:

(C)	to signify changed <i>term and condition</i>	(T)
(D)	to signify discontinued rate, <i>terms and conditions</i> , or text	(T)
(I)	to signify increase	
(M)	to signify a move from one page to another with no change to text or <i>term and condition</i>	(T)
(N)	to signify new rate and/or new <i>term and condition</i> , and/or new text	(T)
(O)	to signify obsoleted rate, <i>term and condition</i> , or text	(T)
(R)	to signify reduction	
(S)	to signify matter already appearing in another part of the Guidebook and repeated for clarification	
(T)	to signify a change in text but no change in rate or <i>term and condition</i>	(T)
(V)	to signify vintaged offering	

The preceding symbols will apply except where additional symbols are identified at the bottom of an individual page or at the beginning or end of a section or paragraph.

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 BellSouth® MultiServ® Service (MultiServ Service)
 BellSouth® PulseLink® Service (PulseLink Service)
 BellSouth® Service (BellSouth Service)
 BellSouth® SMARTRing® Service (SMARTRing Service)
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