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## B103. OBSOLETE SERVICE OFFERINGS - CHANNELS

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## B103. OBSOLETE SERVICE OFFERINGS - CHANNELS

### B103.1 General

#### B103.1.1 Reserved for Future Use

#### B103.1.2 Reserved for Future Use

#### B103.1.3 Mileage Measurements

**A.** Intraexchange mileages for continuous property channels are determined as follows:

(Obsoleted 03-10-90, Type 4. Customers may add channels only to the extent that they are available within facilities in place as of 12-31-86.)

1. Continuous property channels are applicable between different buildings on same continuous property.  
Such channels will also be applicable to multi-building complexes such as federal, county, or municipal centers, airports, shopping centers, colleges and universities, hospitals, resort developments, industrial and business complexes whether or not intersected by a public thoroughfare provided the following conditions are met:
  - a. The adjacent property segments created by the intersection of a public thoroughfare would be continuous in the absence of the thoroughfare.
  - b. The channels must be provided on a direct basis (not routed via the Central Office) and are available only at the economic option of the Company.
  - c. The cost of any supporting structure required for such channels will be borne by the customer unless the facilities carried by the supporting structure are predominately used to provide exchange telephone service to members of the general telephone user body.
2. Where channels are located on same continuous property the rates are based on the shortest airline distance between the buildings where the channels are terminated.
3. Regular *guidebook* charges apply for Continuous Property channels as outlined in B103 for those facilities in place as of December 31, 1986. The Company will continue to offer additional services on these facilities as long as such wiring or cable facilities are available. Where existing facilities have been placed prior to January 1, 1987 under *guidebook* provisions which fully recovered the costs of such facilities as a nonrecurring charge, standard recurring and nonrecurring charges for the first one-tenth mile increment will continue to be applicable for every channel service utilized by the customer. (T)

#### B103.1.4 Reserved for Future Use

#### B103.1.5 Joint Use Arrangement

(Obsoleted 03-10-90, Type 3)

- A.** Joint use arrangement, for use by one or more joint users on an individual channel, are offered on those interexchange private line services furnished for 24 hours per day, seven days per week between points which utilize Series 1000 and 2000 channels and equipment and those services which are furnished for use in connection with composite data service except:
1. Those services which utilize a Type 2006 channel, or a Type 2001 channel used alternately as a channel in connection with foreign exchange service.
  2. Those services which are furnished in connection with a Common Control Switching Arrangement or a Switched Circuit Automatic Network.

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## **B103. OBSOLETE SERVICE OFFERINGS - CHANNELS**

### **B103.1 General (Cont'd)**

#### **B103.1.5 Joint Use Arrangement (Cont'd)**

- B.** Joint use as specified in C. through F. following, is not offered on those services which utilize, in whole or in part, Series 10000 channels. (C)
- C.** A joint user must have a station and a terminal on the private line and the station must be located on the premises of the joint user, except that these requirements do not apply to a joint user of a private line with respect to his use of additional channels created by the customer from the private line in accordance with this Guidebook provided a joint user has a station on a channel created by the customer.
- D.** The Company shall not be responsible for the manner in which the joint use of the service will be allocated. Orders which involve the start, rearrangement, release, or discontinuance of service will be accepted by the Company only from the customer.
- E.** Where a customer requests that a service be arranged for joint use, the charges for the service shall be determined as provided in this Guidebook plus 10% of the interexchange channel charge.
- F.** All charges for the service, including the charges for the joint use arrangement for interexchange channels, terminals and station equipment furnished for the joint users as part of the private line service, will be computed as though the service were to be billed to the customer. The customer and each joint user will be billed for the components of the service which are furnished exclusively to each of them for his individual use. The charges for components of the service which are jointly used will be allocated for billing purposes in accordance with percentages of use specified by the customer. The specified percentages shall remain in effect for a minimum of one month and such percentages on file on the first day of the customer's billing cycle will be used in computing that month's billing. Without affecting the customer's ultimate responsibility for payment of all charges for the service, each joint user shall be responsible for the payment of the charges billed to him in accordance with this subparagraph.

### **B103.2 Classification and Rates - Intraexchange - IntraLATA**

#### **B103.2.1 Series 1100 Channels**

(Obsoleted 03-10-90, Type 4; not available for new installations, moves or transfers)

- A.** Terms and Conditions
  - 1.** General
    - a.** Series 1100, Types 1101 and 1102 private line channel service provides for the transmission of binary signals at rates up to 150 baud within the specifications and limits as stated in B. following.
    - b.** Direct Served Channels not routed via the Central Office (non-continuous property) are limited to one mile in length and are available only at the economic option of the Company.

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## B103. OBSOLETE SERVICE OFFERINGS - CHANNELS

### B103.2 Classification and Rates - Intraexchange - IntraLATA (Cont'd)

(O)(T)

#### B103.2.1 Series 1100 Channels (Cont'd)

(O)

##### B. Types And Descriptions

(O)

These 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. Types 1101 and 1102 channels are furnished for half duplex or duplex operation. The transmission characteristics for the various types of services furnished within this Series are as follows:

(O)(T)

1. BASIC - Parameters and Specifications for Types 1101 and 1102 Private Line Channels used with terminal equipment are described for the end to end operation as follows:

(O)

- a. Basic Parameters

(O)

- Channel Signals

(O)

Local Channels used with terminal equipment: Limit as specified in the following Local Channel descriptions.

- Channel Distortion

(O)

Limit as specified in the following Local Channel descriptions.

- Power Requirement

(O)

For up to 75 Baud Service - Where the Company provides transmission equipment at the interface, the customer must provide a source of continuous 117 Volt, 60 Hz ac power, by means of a nonswitched outlet. For up to 150 Baud Service, the customer must in all cases provide a source of continuous 117 Volt, 60 Hz ac power, by means of a nonswitched outlet.

The Company will in all cases supply all voltage and current adjustments.

(O)

These channels are not suitable for the transmission of alternating current tones.

(O)(T)

2. Local Channels for use with terminal equipment are described following (Types 1101 and 1102):

(O)

- a. Type 1101 Furnished for remote operation of radiotelegraph, supervisory control, miscellaneous signaling, teletypewriter, teletypesetter, and data use, binary signals at rates up to 75 baud.

(O)

A two or four-wire interface engineered for binary signals at rates up to 75 baud, 20 or 62.5 milliamperes dc neutral signals.<sup>1</sup> The terminal equipment with a transmitted output of no more than 8% telegraph distortion and capable of processing received data signals with up to 35% telegraph distortion.

(O)

- b. Type 1102 Furnished for teletypewriter, data, supervisory control, and miscellaneous signaling use, binary signals at rates up to 150 baud.

(O)

EIA Standard RS232C type interface engineered for binary signals at rates up to 150 baud and the terminal equipment with a transmitted output of no more than 5% telegraph distortion and capable of processing received data signals with up to 40% telegraph distortion.

(O)

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

(O)

## B103. OBSOLETE SERVICE OFFERINGS - CHANNELS

### B103.2 Classification and Rates - Intraexchange - IntraLATA (Cont'd)

#### B103.2.1 Series 1100 Channels (Cont'd)

##### B. Types And Descriptions (Cont'd)

3. Interoffice Channels will be similar for Types 1101 and 1102 use.

Customers must have at least one Interoffice Channel for connecting wire center serving areas in multioffice exchanges when there are station locations in different wire center serving areas.

- a. A channel suitable for transmitting binary signals at rates up to 150 baud for use with Types 1101 and 1102 Local Channels.

##### C. Rates - Monthly Service

1. For use with terminal equipment

- a. For Local Channels

- (1) Per Local Channel

	Nonrecurring Charge	Monthly Charge	USOC	(T)
(a) Type 1101, Half Duplex	\$246.74	\$68.59	25W++	
(b) Type 1101, Duplex	253.79	68.59	25Z++	
(c) Type 1102, Half Duplex	246.74	67.82	25W++	
(d) Type 1102, Duplex	253.79	67.82	25Z++	

- b. **(DELETED)**

(D)

- c. Channels wholly within the same premises

- (1) To connect a station location to another station location in a building, per channel <sup>1</sup>

(a) Type 1101	89.42	4.14	24A++
(b) Type 1102	89.42	4.14	24A++

- (2) To connect additional station locations in a building to a Local Channel, to a channel between different buildings on the same continuous property or to a channel wholly within the same building, each termination <sup>1</sup>

(a) Type 1101	44.30	4.14	267++
(b) Type 1102	44.30	4.14	267++

**Note 1:** Charges are applicable only for those facilities in place as of December 31, 1986.

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**B103. OBSOLETE SERVICE OFFERINGS - CHANNELS****B103.2 Classification and Rates - Intraexchange - IntraLATA (Cont'd)****B103.2.1 Series 1100 Channels (Cont'd)****C. Rates - Monthly Service (Cont'd)**

## 1. For use with terminal equipment (Cont'd)

(a) For a channel between different buildings on same continuous property<sup>1,2</sup>

(a) First 1/10 mile

	<b>Nonrecurring Charge<sup>3</sup></b>	<b>Monthly Charge<sup>3</sup></b>	<b>USOC</b>	
(a) Type 1101	\$ 89.42	\$ 4.27	1LY+E	(I)
(b) Type 1102	89.42	4.27	1LQ+E	(I)
(a) Each additional 1/10 mile				
(a) Type 1101	-	4.27	1LY+E	(I)
(b) Type 1102	-	4.27	1LQ+E	(I)

## 2. For use with Local Channels

a. Interoffice Channel (measured airline distance between serving central offices)

(1) Per channel, per mile

(a) For use up to 150 baud

- 13.57 1LQ+H (I)

b. Channel Terminal

(1) Two per interoffice channel

(a) For use up to 150 baud, per Channel Terminal

38.93 6.98 OXN (I)

**D. Rates - Monthly Service - Types 1109 (1204) and 1110 (1205)**

## 1. For use with terminal equipment

a. Channels wholly within the same premises

(1) To connect a station location to another station location in a building, per channel<sup>1</sup>

(Obsoleted 03-10-90, Type 4; customers may add channels only to the extent that they are available within facilities in place as of 12-31-86.)

(a) Type 1109 (1204)	89.42	1.70	24A9+	(I)
(b) Type 1110 (1205)	89.42	1.70	24AA+	(I)

(2) To connect additional station locations in a building to a Local Channel, to a channel between different buildings on the same continuous property or to a channel wholly within the same building, each termination<sup>1</sup>**Note 1:** Charges are applicable only for those facilities in place as of December 31, 1986.**Note 2:** When a channel between buildings on the same continuous property or within the same building requires a connection to the serving wire center, then a charge for each Local Channel required will apply. The nonrecurring charge is per Channel.**Note 3:** Rates are effective with normal billing cycles on or after June 5, 2004.

(N)

## B103. OBSOLETE SERVICE OFFERINGS - CHANNELS

### B103.2 Classification and Rates - Intraexchange - IntraLATA (Cont'd)

#### B103.2.1 Series 1100 Channels (Cont'd)

##### D. Rates - Monthly Service - Types 1109 (1204) and 1110 (1205) (Cont'd)

###### 1. For use with terminal equipment (Cont'd)

###### a. Channels wholly within the same premises (Cont'd)

###### (2) (Cont'd) <sup>1</sup>

(Obsoleted 03-10-90, Type 4; not available for new installations, moves or transfers.)

	Nonrecurring Charge	Monthly Charge	USOC	(T)
(a) Type 1109 (1204)	\$44.30	\$1.70	2679+	
(b) Type 1110 (1205)	44.30	1.70	267A+	
b. For a channel between different buildings on same continuous property <sup>1,2</sup>				
(Obsoleted 03-10-90, Type 4; customers may add channels only to the extent that they are available within facilities in place as of 12-31-86.)				
(1) First 1/10 mile				
(a) Type 1109 (1204)	89.42	4.27	1L3+E	
(b) Type 1110 (1205)	89.42	4.27	1L3+E	
(2) Each additional 1/10 mile				
(a) Type 1109 (1204)	-	4.27	1L3+E	
(b) Type 1110 (1205)	-	4.27	1L3+E	

(DELETED)

(D)

**Note 1:** Charges are applicable only for those facilities in place as of December 31, 1986.

**Note 2:** When a channel between buildings on the same continuous property or within the same building requires a connection to the serving wire center, then a charge for each Local Channel required with apply. The nonrecurring charge is per Channel.

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**B103. OBSOLETE SERVICE OFFERINGS - CHANNELS****B103.2 Classification and Rates - Intraexchange - IntraLATA (Cont'd)****B103.2.2 Series 2100 Channels****A. Terms and Conditions**

(T)

**1. Local Area Data Channels**

(Obsoleted 03-10-90, Type 4; not available for new installations, moves or transfers. In consideration of the decreasing supply of metallic facilities required to provide Local Area Data Channels, the Company will convert a customer's service requiring such facilities to a Voice Grade Service or SynchroNet 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.)

- a. The Company will furnish, subject to availability of facilities, Local Area Data Channels (Types 2180 and 2181) suitable for baseband transmission of digital data signals between two points on the same continuous property or non-continuous property within the same serving wire center area. Service is limited to points that are not more than six (6) route miles apart, as determined by the Company, using normal cable routing between the points to be served. Service is offered only for balanced transmission of data signals conforming to the signal power limitations and other parameters specified in the applicable Bell System Technical Reference.



## B103. OBSOLETE SERVICE OFFERINGS - CHANNELS

### B103.2 Classification and Rates - Intraexchange - IntraLATA (Cont'd)

#### B103.2.2 Series 2100 Channels (Cont'd)

##### B. Types and Descriptions

1. Local Area Data Service is offered on a two-point basis only. The transmission specification are dependent on the route length of the facilities utilized to provide the service as follows:

Maximum End-to-End Facility Length In Route Miles	Maximum Insertion Loss at 1000 Hz, dB <sup>1</sup>
1	9.0
2	13.5
3	17.0
4	20.0
5	23.0
6	25.5

2. Local Channels for use with terminal equipment are described following (Types 2180, and 2181):

- a. Type 2180

A two-wire interface with effective two-wire facilities used in the provision of Local Area Data Service.

- b. Type 2181

A four-wire interface with effective four-wire facilities used in the provision of Local Area Data Service.

Type 2180 and 2181 Local Channels are not suitable for switching and/or tandem operations to the public switched network or other private line service.

##### C. Rates - Monthly Service

1. For use with Terminal Equipment

- a. For Local Channels

- (1) Per Local Channel

	Nonrecurring Charge	Monthly Charge	USOC	(T) (D)
(a) <b>(DELETED)</b>				
(b) Type 2181	<b>\$216.12</b>	<b>\$75.19</b>	<b>DUX++</b>	
b. For a Channel not routed via the Central office (limited to channels not more than one air mile in length)				
(1) Per two-point channel				
(a) Type 2180	<b>281.52</b>	<b>37.07</b>	<b>L82++</b>	
(b) Type 2181	<b>322.92</b>	<b>74.16</b>	<b>L84++</b>	

**Note 1:** Insertion loss is referenced to 135 Ohm resistive terminations at each end.

## B103. OBSOLETE SERVICE OFFERINGS - CHANNELS

### B103.2 Classification and Rates - Intraexchange - IntraLATA (Cont'd)

#### B103.2.2 Series 2100 Channels (Cont'd)

##### C. Rates - Monthly Service (Cont'd)

##### 1. For use with Terminal Equipment (Cont'd)

##### c. Channels wholly within the same premises

##### (1) To connect a station location to another station location, per channel <sup>1</sup>

(Obsoleted 03-10-90, Type 4; customers may add channels only to the extent that they are available within facilities in place as of 12-31-86).

	Nonrecurring Charge	Monthly Charge	USOC	(T)
(a) Type 2101 (2230)	\$89.42	\$1.69	2SE++	
(b) Type 2120 (2463)	301.81	14.47	2SE++	
(c) Type 2121 (2260)	237.23	6.22	2SE++	
(d) Type 2122 (2464)	237.23	7.10	2SE++	
(e) (DELETED)				(D)
(f) (DELETED)				(D)
(g) Type 2180	241.78	1.69	1L6GB	
(h) Type 2181	271.58	3.37	1L6GB	

##### (2) To connect additional station locations in a building to a Local Channel, to a channel between different buildings on the same continuous property or to a channel wholly within the same building, each termination<sup>1</sup>

(Obsoleted 03-10-90, Type 4; not available for new installations, moves or transfers)

(a) Type 2101 (2230)	44.30	1.69	4SE++
(b) Type 2120 (2463)	151.12	14.47	4SE++
(c) Type 2121 (2260)	118.42	6.22	4SE++
(d) Type 2122 (2464)	118.42	7.10	4SE++
(e) Type 2140 (2261)	118.42	4.90	4SE++
(f) Type 2141 (2462)	151.12	14.47	4SE++

##### d. For a channel between different buildings on same continuous property. <sup>1,2</sup>

(Obsoleted 03-10-90, Type 4; customers may add channels only to the extent that they are available within facilities in place as of 12-31-86.)

##### (1) First 1/10 mile

(a) Type 2101 (2230)	89.42	4.27	1LP+E
(b) Type 2120 (2463)	302.64	8.78	1L6+E
(c) Type 2121 (2260)	237.23	4.27	1L6+E

**Note 1:** Charges are applicable only for those facilities in place as of December 31, 1986.

**Note 2:** When a channel between different buildings on the same continuous property or within the same building requires a connection to the serving wire center, then a charge for each Local Channel required will apply. The nonrecurring charge is per Channel.

## B103. OBSOLETE SERVICE OFFERINGS - CHANNELS

### B103.2 Classification and Rates - Intraexchange - IntraLATA (Cont'd)

#### B103.2.2 Series 2100 Channels (Cont'd)

##### C. Rates - Monthly Service (Cont'd)

##### 1. For use with Terminal Equipment (Cont'd)

##### d. (Cont'd) <sup>1,2</sup>

##### (1) First 1/10 mile (Cont'd)

	Nonrecurring Charge	Monthly Charge	USOC	(T)
(d) Type 2122 (2464)	\$237.23	\$4.27	1L6+E	(T)
(e) <b>(DELETED)</b>				(D)
(f) <b>(DELETED)</b>				(D)
(g) Type 2180	259.18	4.79	1L6GE	
(h) Type 2181	296.42	9.43	1L6GE	
(2) Each additional 1/10 mile				
(a) Type 2101 (2230)	-	4.27	1LP+E	
(b) Type 2120 (2463)	-	8.78	1L6+E	
(c) Type 2121 (2260)	-	4.27	1L6+E	
(d) Type 2122 (2464)	-	4.27	1L6+E	
(e) Type 2140 (2261)	-	4.27	1L6BE	
(f) Type 2141 (2462)	-	8.78	1L6DE	
(g) Type 2180	-	4.52	1L6GE	
(h) Type 2181	-	9.06	1L6GE	

#### B103.2.3 Reserved for Future Use

#### B103.2.4 Reserved for Future Use

#### B103.2.5 Reserved for Future Use

#### B103.2.6 Series 6100 Channels

##### A. Reserved for Future Use

##### B. Reserved for Future Use

**Note 1:** Charges are applicable only for those facilities in place as of December 31, 1986.

**Note 2:** When a channel between different buildings on the same continuous property or within the same building requires a connection to the serving wire center, then a charge for each Local Channel required will apply. The nonrecurring charge is per Channel.

B103. OBSOLETE SERVICE OFFERINGS - CHANNELS

B103.2 Classification and Rates - Intraexchange - IntraLATA (Cont'd)

B103.2.6 Series 6100 Channels (Cont'd)

- C. Rates - Monthly Service
  - 1. For use with terminal equipment
    - a. Additional station locations in a building<sup>1</sup>  
(Obsoleted 03-10-90, Type 4; not available for new installations, moves or transfers)
      - (1) Per additional station location

	Nonrecurring Charge	Monthly Charge	USOC
(a) Type 6105 (6214)	\$ 91.92	\$ 1.70	4SE++

B103.3 Classification and Rates - Interexchange - IntraLATA

B103.3.1 Series 1000 Channels

(Obsoleted 5-13-85, Type 3)

- A. Terms and Conditions (T)
  - 1. General
    - a. Series 1000: Types 1001 and 1002 private line channel service provides for the transmission of binary signals at rates up to 150 baud within the specifications and limits as stated in B3.3.1.B. following.

**Note 1:** Charges are applicable only for those facilities in place as of December 31, 1986.

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## B103. OBSOLETE SERVICE OFFERINGS - CHANNELS

### B103.3 Classification and Rates - Interexchange - IntraLATA (Cont'd)

(T)(M)

#### B103.3.1 Series 1000 Channels (Cont'd)

(M)

##### B. Types And Descriptions

(M)

These 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. Types 1001 and 1002 channels are furnished for half duplex or duplex operation. The transmission characteristics for the various types of service furnished within this Series are as follows:

(M)

1. BASIC - Parameters and Specifications for Types 1001 and 1002 Private Line Channels used with terminal equipment are described for the end to end operation as follows:

(M)

- a. Basic Parameters

(M)

- Channel Signals

- Station Terminals used with terminal equipment: Limit as specified in the following Station Terminal descriptions.

(M)

- Channel Distortion

- Station Terminals: Limit as specified in the following Station Terminal descriptions.

(M)

- Power Requirement

- For up to 75 Baud Service - Where the Company provides transmission equipment at the interface, the customer must provide a source of continuous 117 Volt, 60 Hz ac power, by means of a nonswitched outlet. For up to 150 Baud Service, the customer must in all cases provide a source of continuous 117 Volt, 60 Hz ac power, by means of a nonswitched outlet.

(M)

- The Company will in all cases supply all voltages and current adjustments.

- These channels are not suitable for the transmission of alternating current tones.

(M)

2. Station Terminals for use with terminal equipment are described following (Types 1001 and 1002):

(M)

- a. Type 1001<sup>1</sup>

(M)

- Furnished for remote operation of radiotelegraph, supervisory control, miscellaneous signaling, teletypewriter, teletypesetter, and data use, binary signals at rates up to 75 baud.

(M)

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

(M)

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**B103. OBSOLETE SERVICE OFFERINGS - CHANNELS****B103.3 Classification and Rates - Interexchange - IntraLATA (Cont'd)**

(O)

**B103.3.1 Series 1000 Channels (Cont'd)**

(O)

**B. Types And Descriptions (Cont'd)**

(O)

## 2. (Cont'd)

(O)

a. Type 1001<sup>1</sup> (Cont'd)

(O)

A two or four-wire interface engineered for binary signals at rates up to 75 baud, 20 or 62.5 milliamperes dc neutral signals. The terminal equipment with a transmitted output of no more than 8% telegraph distortion and capable of processing received data signals with up to 35% telegraph distortion.

(N)

## b. Type 1002

(O)

Furnished for teletypewriter, data, supervisory control, and miscellaneous signaling use. Binary signals at rates up to 150 baud.

(O)

EIA Standard RS232C type interface engineered for binary signals at rates up to 150 baud and the terminal equipment with a transmitted output of no more than 5% telegraph distortion and capable of processing received data signals with up to 40% telegraph distortion.

(O)

## 3. Interexchange Channels will fall into various types depending on uses.

(O)

## a. A channel suitable for transmitting binary signals at rates up to 75 baud for use with Type 1001 Station Terminals.

(O)

## b. A channel suitable for transmitting binary signals at rates up to 150 baud for use with Type 1002 Station Terminals.

(O)

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

(O)

## B103. OBSOLETE SERVICE OFFERINGS - CHANNELS

### B103.3 Classification and Rates - Interexchange - IntraLATA (Cont'd)

#### B103.3.1 Series 1000 Channels (Cont'd)

##### C. Rates - Monthly Service

##### 1. For use with Terminal Equipment

##### a. For Station Terminals, per Station Terminal

##### (1) Band 1, First Station Terminal

	Nonrecurring Charge	Monthly Charge	USOC	(T)
(a) Type 1001, Half Duplex	\$ 425.18	\$ 221.52	HB1++	
(b) Type 1001, Duplex	450.43	235.08	WB1++	
(c) Type 1002, Half Duplex	425.18	215.98	HB1++	
(d) Type 1002, Duplex	450.43	229.79	WB1++	
(2) <b>(DELETED)</b>				(D)
(3) <b>(DELETED)</b>				(D)
(4) <b>(DELETED)</b>				(D)
(5) Band 3, First Station Terminal				
(a) Type 1001, Half Duplex	490.60	310.80	HB3++	
(b) <b>(DELETED)</b>				(D)
(c) Type 1002, Half Duplex	490.60	305.35	HB3++	
(d) <b>(DELETED)</b>				(D)
(6) <b>(DELETED)</b>				(D)

**Note 1:** Each additional Station Terminal in the same Exchange as the first Station Terminal.

**B103. OBSOLETE SERVICE OFFERINGS - CHANNELS****B103.3 Classification and Rates - Interexchange - IntraLATA (Cont'd)****B103.3.1 Series 1000 Channels (Cont'd)****C. Rates - Monthly Service (Cont'd)**

1. For use with Terminal Equipment (Cont'd)
  - a. For Station Terminals, per Station Terminal (Cont'd)
    - (7) **(DELETED)**

(D)



## B103. OBSOLETE SERVICE OFFERINGS - CHANNELS

### B103.3 Classification and Rates - Interexchange - IntraLATA (Cont'd)

#### B103.3.1 Series 1000 Channels (Cont'd)

##### C. Rates - Monthly Service (Cont'd)

##### 1. For use with Terminal Equipment (Cont'd)

**(DELETED)**

(D)

	Nonrecurring Charge	Monthly Charge	USOC	(T)
b. Channel extensions wholly within the same premises				
(1) To connect additional station locations in a building to a Station Terminal or to a channel between different buildings on the same continuous property, each termination				
(a) Type 1001	\$38.51	\$3.62	267++	
(b) Type 1002	38.51	3.62	267++	
c. For a channel extension between different buildings on same continuous property				
(1) First 1/10 mile				
(a) Type 1001 <sup>2</sup>	77.42	3.77	1LY+E	
(b) Type 1002 <sup>2</sup>	77.42	3.77	1LQ+E	
(2) Per additional 1/10 mile				
(a) Type 1001	-	3.77	1LY+E	

**Note 1:** Each additional Station Terminal in the same Exchange as the first Station Terminal.

**Note 2:** When a channel between different buildings on the same continuous property or within the same building requires a connection to the serving wire center, then a charge for each Station Terminal required will apply. The nonrecurring charge is per channel.

EFFECTIVE: February 28, 2006

**B103. OBSOLETE SERVICE OFFERINGS - CHANNELS****B103.3 Classification and Rates - Interexchange - IntraLATA (Cont'd)****B103.3.1 Series 1000 Channels (Cont'd)****C. Rates - Monthly Service (Cont'd)****2. For use with Station Terminals****a. Interexchange Channel (measured airline distance, per channel, per mile)****(1) For use up to 75 baud**

	<b>Nonrecurring Charge <sup>2</sup></b>	<b>Monthly Charge <sup>2</sup></b>	<b>USOC</b>	<b>(T)</b>
(a) Channels 10.0 miles or less	\$ -	\$ 7.51	1LY+4	(I)
(b) Channels over 10.0 miles	-	4.01	1L3+4	(I)

**(2) For use up to 150 baud**

(a) Channels 10.0 miles or less	-	7.62	1LQ+4	(I)
(b) Channels over 10.0 miles	-	4.01	1L1+4	(I)

**b. Channel Terminal, two per interexchange channel****(1) For use up to 75 Baud**

(a) Where the interexchange mileage is 10 miles or less, Half Duplex or Duplex, per Channel Terminal	10.36	57.49	01N	(I)
(b) Where the interexchange mileage is over 10 miles, Half Duplex or Duplex, per Channel Terminal	10.36	57.49	03N	(I)

**(2) For use up to 150 Baud**

(a) Where the interexchange mileage is 10 miles or less, Half Duplex or Duplex, per Channel Terminal	10.36	69.48	01N50	(I)
(b) Where the interexchange mileage is over 10 miles, Half Duplex or Duplex, per Channel Terminal	14.90	88.10	03N50	(I)

**D. Rates - Monthly Service Types 1009 (1204) and 1010 (1205)****1. For use with Terminal Equipment**

(Obsoleted 03-10-90, Type 4; not available for new installations, moves or transfers.)

**a. Channel extensions wholly within the same premises****(1) To connect additional station locations in a building to a Station Terminal or to a channel between different buildings on the same continuous property, each termination**

(a) Type 1009 <sup>1</sup> (1204)	38.51	1.69	2679+	(I)
(b) Type 1010 <sup>1</sup> (1205)	38.51	1.69	267A+	(I)

**Note 1:** Charges are applicable only for those facilities in place as of December 31, 1986.**Note 2:** Rates are effective with normal billing cycles on or after June 5, 2004.

(N)

EFFECTIVE: February 28, 2006

**B103. OBSOLETE SERVICE OFFERINGS - CHANNELS****B103.3 Classification and Rates - Interexchange - IntraLATA (Cont'd)****B103.3.1 Series 1000 Channels (Cont'd)****D. Rates - Monthly Service Types 1009 (1204) and 1010 (1205) (Cont'd)**

## 1. For use with Terminal Equipment (Cont'd)

b. For a channel extension between different buildings on same continuous property <sup>1,2</sup>

## (1) First 1/10 mile

	<b>Nonrecurring Charge <sup>3</sup></b>	<b>Monthly Charge <sup>3</sup></b>	<b>USOC</b>	<b>(T)</b>
(a) Type 1009 (1204)	\$ 77.42	\$ 3.77	1L3+E	(I)
(b) Type 1010 (1205)	77.42	3.77	1L3+E	(I)
(2) Per additional 1/10 mile				
(a) Type 1009 (1204)	-	3.77	1L3+E	(I)
(b) Type 1010 (1205)	-	3.77	1L3+E	(I)

**B103.3.2 Series 2000 Channels****A. Reserved for Future Use****B. Reserved for Future Use****C. Rates - Monthly Service**

## 1. For use with Terminal Equipment

(Obsoleted 03-10-90, Type 4; not available for new installations, moves or transfers.)

## a. Channel extensions wholly within the same premises

(1) To connect additional station locations in a building to a Station Terminal or to a channel between different buildings on the same continuous property, each termination <sup>1</sup>

(a) Type 2001 (2230)	38.51	1.69	4SE++	(I)
(b) Type 2012 (2231)	38.51	1.69	4SE++	(I)
(c) Type 2014 (2432)	38.51	7.62	4SE++	(I)
(d) Type 2020 (2463)	130.82	12.53	4SE++	(I)
(e) Type 2021 (2260)	102.67	6.22	4SE++	(I)
(f) Type 2022 (2464)	102.67	6.22	4SE++	(I)
(g) Type 2040 (2261)	102.67	4.90	4SE++	(I)
(h) Type 2041 (2462)	130.82	12.53	4SE++	(I)

**Note 1:** Charges are applicable only for those facilities in place as of December 31, 1986.**Note 2:** When a channel between different buildings on the same continuous property or within the same building requires a connection to the serving wire center, then a charge for each Station Terminal required will apply. The nonrecurring charge is per channel.**Note 3:** Rates are effective with normal billing cycles on or after June 5, 2004.

(N)

## B103. OBSOLETE SERVICE OFFERINGS - CHANNELS

### B103.3 Classification and Rates - Interexchange - IntraLATA (Cont'd)

#### B103.3.2 Series 2000 Channels (Cont'd)

##### C. Rates - Monthly Service (Cont'd)

##### 1. For use with Terminal Equipment (Cont'd)

##### b. For a channel extension between different buildings on same continuous property <sup>1,2</sup>

##### (1) First 1/10 mile

	Nonrecurring Charge <sup>3</sup>	Monthly Charge <sup>3</sup>	USOC	
(a) Type 2001 (2230)	\$ 77.42	\$ 3.77	1LP+E	
(b) Type 2012 (2231)	77.42	3.77	1LV+E	
(c) Type 2014 (2432)	77.42	7.62	1LT+E	
(d) Type 2020 (2463)	262.07	7.62	1L6+E	
(e) Type 2021 (2260)	205.34	3.77	1L6+E	
(f) Type 2022 (2464)	205.34	3.77	1L6+E	
(g) (DELETED)				(D)
(h) (DELETED)				(D)
(2) Per additional 1/10 mile				
(a) Type 2001 (2230)	-	3.77	1LP+E	
(b) Type 2012 (2231)	-	3.77	1LV+E	
(c) Type 2014 (2432)	-	7.62	1LT+E	
(d) Type 2020 (2463)	-	7.62	1L6+E	
(e) Type 2021 (2260)	-	3.77	1L6+E	
(f) Type 2022 (2464)	-	3.77	1L6+E	
(g) Type 2040 (2261)	-	3.77	1L6+E	
(h) Type 2041 (2462)	-	7.62	1L6+E	

**Note 1:** Charges are applicable only for those facilities in place as of December 31, 1986.

**Note 2:** When a channel between different buildings on the same continuous property or within the same building requires a connection to the serving wire center, then a charge for each Station Terminal required will apply. The nonrecurring charge is per Channel.

**Note 3:** Rates are effective with normal billing cycles on or after June 5, 2004.

EFFECTIVE: February 28, 2006

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**B103. OBSOLETE SERVICE OFFERINGS - CHANNELS**

**B103.3 Classification and Rates - Interexchange - IntraLATA (Cont'd)**

(T)

**B103.3.3 (DELETED)**

(D)

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**B103. OBSOLETE SERVICE OFFERINGS - CHANNELS**

**B103.3 Classification and Rates - Interexchange - IntraLATA (Cont'd)**

(T)

**B103.3.3 (DELETED)**

(D)

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**B103. OBSOLETE SERVICE OFFERINGS - CHANNELS**

**B103.3 Classification and Rates - Interexchange - IntraLATA (Cont'd)**

(T)

**B103.3.3 (DELETED)**

(D)

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**B103. OBSOLETE SERVICE OFFERINGS - CHANNELS**

**B103.3 Classification and Rates - Interexchange - IntraLATA (Cont'd)**

(T)

**B103.3.3 (DELETED)**

(D)



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**B103. OBSOLETE SERVICE OFFERINGS - CHANNELS**

**B103.3 Classification and Rates - Interexchange - IntraLATA (Cont'd)**

(T)

**B103.3.3 (DELETED)**

(D)

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**B103. OBSOLETE SERVICE OFFERINGS - CHANNELS**

**B103.3 Classification and Rates - Interexchange - IntraLATA (Cont'd)**

(T)

**B103.3.3 (DELETED)**

(D)

**B103.3.4 (DELETED)**

(D)

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**B103. OBSOLETE SERVICE OFFERINGS - CHANNELS****B103.3 Classification and Rates - Interexchange - IntraLATA (Cont'd)**

(T)

**B103.3.4 (DELETED)**

(D)

**B103.3.5 Reserved for Future Use****B103.4 Classification and Rates - Intraexchange - IntraLATA****B103.4.1 (DELETED)**

(D)

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## B103. OBSOLETE SERVICE OFFERINGS - CHANNELS

### B103.5 Reserved for Future Use

### B103.6 Series 10000 Channels (Entrance Facilities)

(Obsoleted 03-10-90, Type 4; not available for new installations, moves or transfers. Existing customers may add channels only to the extent that they are available.)

#### A. *Terms and Conditions*

1. In addition to the *terms and conditions* set forth in B2., the following *terms and conditions* apply to Series 10000 channels as specified below: (T)

Type 10001 - The customer's or authorized user's premises must be located 25 airline miles or less from the point at which the customer-provided communication channel is connected to the Company entrance facility. (T)

#### B. Types And Descriptions

1. Series 10000 channels are furnished to the customer by the Company for the purpose of extending customer-provided communications systems to a premises of the customer or authorized user or to Centrex Type Services serving the premises of the customer or authorized user for use at such premises. Channels are furnished for half-duplex or duplex operation on a two-point basis for service 7 days per week, 24 hours per day for a minimum period of one month, except as otherwise specified.
2. Type 10001 - Approximate bandwidth of 300 - 3000 Hertz per second. Furnished, to the extent permitted by the normal transmission characteristics of this grade of channel, for types of transmission similar to those set forth for Series 1000, 1100, 2000, and 2100 channels.

#### C. Rates - Monthly Service

1. Type 10001

(Rates for entrance facilities will be based on the costs incurred on a case-by-case basis.)

### B103.7 Classification and Rates - Multipoint Service and Multistation Arrangements

#### B103.7.1 General

(Obsoleted 03-10-90, Type 4; not available for new installations, moves or transfers.)

- #### A. A Multistation charge is applicable for each Local Channel, Station Terminal, or Service Configuration as defined under Multistation Arrangement B2.5. (T)

1. Multistation Services which are connected to a Local Channel or a Station Terminal are offered for Types 2101, 2001, 2120, 2020, 2122 and 2022 (2230, 2463 and 2464) only.
2. A maximum of four bridged stations per premises per Local Channel, Station Terminal, or for channels not routed via the central office is allowed for Types 2120, 2020, 2122, and 2022 (2463 and 2464) type use.
3. Data equipment must be within 1500 feet of the termination of the Local Channel or Station Terminal.

## B103. OBSOLETE SERVICE OFFERINGS - CHANNELS

### B103.7 Classification and Rates - Multipoint Service and Multistation Arrangements (Cont'd)

#### B103.7.1 General (Cont'd)

##### B. Rates

1.	(DELETED)				(D)
		<b>Nonrecurring Charge</b>	<b>Monthly Charge</b>	<b>USOC</b>	(T)
2.	Multistation Charges are applicable where more than one station location on the same premises is connected to a Local Channel or a Station Terminal				
a.	Series 2100 or 2000				
	(1) For Non-Key System termination, per Local Channel or Station Terminal				
	(a) Type 2101 (2230)	\$49.68	\$ 10.72	MPG1X	
	(b) Type 2001 (2230)	49.68	10.72	MPG1X	
	(c) Type 2120 (2463)	273.66	9.58	MPG3X	
	(d) Type 2020 (2463)	273.66	9.58	MPG3X	
	(e) Type 2122 (2464)	273.66	9.58	MPG3X	
	(f) Type 2022 (2464)	273.66	9.58	MPG3X	
	(2) For Key System termination, per Local Channel or Station Terminal				
	(a) Type 2101 (2230)	74.52	16.16	MPH1X	
	(b) Type 2001 (2230)	74.52	16.16	MPH1X	
3.	Multistation Charges are applicable where there are more than two station locations forming one service configuration and the service configuration is wholly within the same building on the same continuous property, or for channels not routed via the central office.				
a.	(DELETED)				(D)

## B103. OBSOLETE SERVICE OFFERINGS - CHANNELS

### B103.7 Classification and Rates - Multipoint Service and Multistation Arrangements (Cont'd)

#### B103.7.1 General (Cont'd)

##### B. Rates (Cont'd)

##### 3. (Cont'd)

##### b. Series 2100

##### (1) Per Service Configuration

	Nonrecurring Charge	Monthly Charge	USOC
(a) Type 2101 (2230)	\$ 163.94	\$ 43.58	MPJ1X
(b) Type 2120 (2463)	77.42	9.58	MPJ3X
(c) Type 2122 (2464)	77.42	9.58	MPJ3X

### B103.8 Classification and Rates - Channel Conditioning

#### B103.8.1 Intraexchange or Interexchange within a LATA

##### A. Reserved for Future Use

##### B. Types And Description

Channel conditioning is furnished for service 7 days per week, 24 hours per day, for a minimum period of one month. The transmission characteristics for the various types of conditioning are as follows:

	C-Notched Noise (with a-13dBm0 1000 Hertz Test Signal)	2nd Order Distortion	3rd Order Distortion
D2 (limited to 3 multipoint locations)	Noise level 28dB below signal level	35dB below signal level	40dB below signal level

(Obsoleted 03-10-90, Type 4; not available for new installations, moves or transfers.)

Type D2 High Performance Data Conditioning (HPDC) can be provided only where facilities permit.

When a channel service is equipped with Type D2 conditioning and is utilized for voice communications, the Company does not undertake to represent that the channel will be suitable for such voice transmission.

Type D2 conditioning includes a Company-provided switching arrangement which permits the transmission of data between a control station designated by the customer and either of two outlying stations, one station at a time. Only one switching arrangement may be provided on any given service. A control channel, Type 1109, 1009, 1110, or 1010 (1204 or 1205) as specified in this **Guidebook**, is required between the control station and the switching arrangement. Bridging arrangements are not required.

(T)

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## B103. OBSOLETE SERVICE OFFERINGS - CHANNELS

### B103.8 Classification and Rates - Channel Conditioning (Cont'd)

(DELETED)

(D)

### B103.9 Classification and Rates - Sub Voice Grade Services - Series 1000 Channels

(Obsoleted 09-10-91, Type 1. 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.)

#### B103.9.1 Service Descriptions

##### A. Sub Voice Grade Services - Series 1000 Channels

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. 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.

## B103. OBSOLETE SERVICE OFFERINGS - CHANNELS

### B103.9 Classification and Rates - Sub Voice Grade Services - Series 1000 Channels (Cont'd)

#### B103.9.2 Local Channels

##### A. Sub Voice Grade

1. Per point of termination

	Monthly	Nonrecurring		USOC	(T)
	Rate	First	Additional		
(a) Type 1204	\$53.91	\$698.40	\$259.20	PIJAX	
(b) Type 1205	44.93	525.60	180.00	PIJHX	

#### B103.9.3 Non-Wire Center Connected Channels

(Obsoleted 8/28/03, Type 2: Not offered for new installations on and after 8/28/03)

##### A. Served Direct

1. Not routed via the central office, limited to one airline mile or less

(a) Series 1000	\$22.46	\$698.40	\$259.20	SDD1X	
(b) Series 2000	21.60	698.40	259.20	SDD2X	
(DELETED)					(D)

#### B103.9.4 Interoffice Channels <sup>1,2</sup>

##### A. Fixed and Mileage Charges applicable

1. Sub Voice Grade - Series 1000

	Fixed	Monthly	Nonrecurring	USOC
	Monthly	Charge	Charge	
	Charge	Per Mile	Per Channel	
(a) 1 thru 8 Miles	\$71.89	\$4.61	\$180.00	3LBAS
(b) 9 thru 25 Miles	71.89	4.50	180.00	3LBAS
(c) Over 25 Miles	71.89	4.39	180.00	3LBAS

**Note 1:** For method of determining mileage, see B3.3.3.A.

**Note 2:** Metallic Interoffice Channels for Type 1204 Local Channels are no longer available for new installations, moves or transfers. Metallic interoffice facilities are in continually decreasing supply due to modernization programs that replace existing metallic interoffice with non-metallic facilities such as fiber optics.