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B103. OBSOLETE SERVICE OFFERINGS - CHANNELS

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B103. OBSOLETE SERVICE OFFERINGS - CHANNELS

B103.1 General

B103.1.1 *Terms and Conditions*

- A. Methods of Applying Rates (T)
1. Additional point of termination of a Local Channel in Different Buildings on the Same Premises. (T)
(Obsoleted 01-01-87), Type B; *Guidebook* Reference Section B3.)
 - a. A charge, as provided in B103.1.1.A.1.b for extending a Local Channel and terminating the channel at a station location in a different building on the same premises shall apply in lieu of an additional Local Channel Charge when conditions and facilities permit, otherwise the local channel charge applies. (T)
 - b. When additional points of termination of a single private line service are located in different buildings on the same premises, the charge for the channel shall be based on the airline distance between each pair of buildings as specified in Section B103. (T)
 2. Additional Point of Termination in the Same Building (T)
(Obsoleted 01-01-87), Type B; *Guidebook* Reference Section B3.)
A charge as provided in B103.2 and B103.3 for extending a Local Channel and terminating the channel at a station location in the same building applies in lieu of an additional local channel charge. (T)
 3. Same Building (T)
(Obsoleted 01-01-87, Type D; available solely at the discretion of the Company for new service, additions, or transfer of service where spare capacity is available in existing cable facilities.)
When all station locations of a private line service are in the same building, the charge for same building charges as specified in Section B103 apply. (T)
 4. Channels between Buildings on the Same Premises (T)
(Obsoleted 01-01-87, Type D; available solely at the discretion of the Company for new service, additions, or transfer of service where spare capacity is available in existing cable facilities.)
When station locations of a private line service are located in different buildings on the same premises the charge for the channel shall be based on the airline distance between each pair of buildings when conditions and facilities permit. The charges are as specified in Section B103. For channels routed via the central office the charge is as stated in B3.1.1.G.2.a. Where a supporting structure is necessary for the purpose of furnishing extension lines on the subscriber's premises, such supporting structure will be furnished by the subscriber as provided for "Construction on Private Property" in Section A5. When the channel facility (wire or cable) is of sufficient length and/or the in-plant cost of circuit (wire or cable) facility renders the monthly rate inadequate, the customer may be required to pay a monthly rate of 3-1/4 percent (3.25%) of the in-plant cost of the facilities placed. (T)
If the Company considers it appropriate and compensatory, existing facilities may be rated at 3-1/4 percent (3.25%) of the in-plant cost of the facilities to determine a monthly rate. The facilities may be offered for sale to the customer. (T)
- B. Continuous Property Channels
1. New channels between points on the same customer's continuous property are provided at the sole discretion of the Company and only where spare capacity is available in existing facilities.
 2. A Continuous Property Channel consists of one pair (half duplex) or two pairs (full duplex) of metallic conductors with the physical and electrical transmission characteristics inherent to the existing facility. Equipment that is required to improve or alter the transmission characteristics of the channel is the responsibility of the customer and must be connected on the customer's side of the network interface. The customer may not access or alter a Continuous Property Channel in mid-span; nor install any equipment which results in harm to the facility or other channels within the cable or wire facility.
 3. Subject to A, when twenty five or more half duplex channels are required between the same two points, the Company will consider a bulk provisioning arrangement whereby the subscriber can lease channels in multiples of twenty five channels. With bulk provisioning arrangements, no subsequent recurring or nonrecurring charges apply as channels are activated by the subscriber. Rates for bulk provisioning arrangements are determined on a Special Arrangement Basis (see Section B5). (T)(M)
 4. Continuous Property Channels will be discontinued when associated cable facilities can no longer be economically maintained. (M)

Pages 1.1 hereby deleted in its entirety and removed from this Guidebook.

(N)

B103. OBSOLETE SERVICE OFFERINGS - CHANNELS

B103.2 Description Of Services And Rates - Intraexchange (Cont'd)

B103.2.1 Series 1100 - Sub Voice Grade Service (Cont'd)

D. (DELETED)

(T)

E. Rates and Charges

- 1. Intraexchange - Type 1150 and 1151
(Obsolated Type B)
 - a. Half Duplex

	Monthly Rate	USOC	
(1) Local Channel, each			(T)
(a) Type 1150	\$ 47.44	25W++	
(b) Type 1151	60.72	25W++	
(2) Interoffice Channel including the Channel terminals for use with the local channels listed in B103.2.1.E.1.a . (1) per channel.			
(a) 1st 1/4 mile	49.34	1LYD+	
(b) Each additional 1/4 mile or fraction thereof	2.10	1L3A+	
(3) Each additional point of termination of a local channel in a different building on the same premises			
(a) Per 1/4 mile or fraction thereof	4.37	1L3A+	
(b) Type 1150 - Minimum charge	8.73	NA	
(c) Type 1151 - Minimum charge	8.73	NA	
(4) Each additional point of termination of a local channel in the same building			
(a) Type 1150	8.73	W1W++	
(b) Type 1151	8.73	W1W++	
(5) Two-point service, different building, same premises			
(a) Per 1/4 mile or fraction thereof	4.37	1L3AY	
(b) Type 1150 - Minimum charge	8.73	NA	
(c) Type 1151 - Minimum charge	8.73	NA	
(6) Two-point service, same building			
(a) Type 1150	8.73	1LYDB	
(b) Type 1151	8.73	1L6BB	
(7) Each additional point of termination in same building for two-point service in B103.2.1.E.1.a. (5) and (6).			
(a) Type 1150	8.73	1L6BA	
(b) Type 1151	8.73	1L6BA	

B103. OBSOLETE SERVICE OFFERINGS - CHANNELS

B103.2 Description Of Services And Rates - Intraexchange (Cont'd)

B103.2.1 Series 1100 - Sub Voice Grade Service (Cont'd)

E. Rates and Charges (Cont'd)

2. (Cont'd)

e. Each additional point of termination

(Obsoleted 01-01-87, Type B; *Guidebook* Reference Section B3.)

(1) In the same building for two-point service in B103.2.1.E.2.c or d.

	Installation Charge	Monthly Rate	USOC	
(a) Type 1204	-	\$ 8.73	1LM++	(T)
(b) Type 1205	-	8.73	1LM++	

F. Local Area Data Channels

(Obsoleted 10-26-87, Type B) 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. (T)

Local Area Data Channels are intended for baseband transmission of digital data signals between two points on the same premises or between two different premises within the same serving wire center area not to exceed six (6) cable route miles.

- The rates and charges specified for Local Area Data Channels provide for the furnishing of service when suitable facilities are available. When special construction is necessary to provide these channels a charge based on the cost incurred will apply in addition to the rates and charges for the channels.
- Transmission specifications for local area data channels are dependent upon 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, In dB ¹	
1	9.0	
2	13.5	
3	17.0	
4	20.0	
5	23.0	
6	25.5	

- Type 1180 is provided as a 2-wire interface with effective 2-wire facilities.
- Type 1182 is provided as a 4-wire interface with effective 4-wire facilities.

	Installation Charge	Monthly Rate	USOC	
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5. Rates - Intraexchange

a. Local Channel

(1) Each

(a) Type 1180

(b) Type 1182

(a) Type 1180	\$71.41	\$17.66	1L6GJ
(b) Type 1182	71.41	35.57	1L6GJ

6. Rates - Type 1180 and 1182 (Same Continuous Property Different and Same Building Channels)

(Obsoleted 01-01-87, Type B)

a. Two-point service

(1) Different buildings same premises²

(a) Per 1/4 mile or fraction thereof

(b) Minimum charge

(a) Per 1/4 mile or fraction thereof	25.41	4.37	1L6GY
(b) Minimum charge	-	.73	NA

(2) Same building

(a) Charge

(a) Charge	25.41	8.73	1L6GB
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Note 1: Insertion loss is referenced to 135 OHM resistive terminations at each end.

Note 2: The Installation Charge is per channel.

Pages 6.1 and 6.2 are hereby deleted in their entirety and removed from this Guidebook.

B103. OBSOLETE SERVICE OFFERINGS - CHANNELS

B103.2 Description Of Services And Rates - Intraexchange (Cont'd)

B103.2.2 Series 2000 - Voice Grade Service

A. (DELETED)

B. Rates and Charges

1. Intraexchange - Same Continuous Property Different and Same Building Channels

	Monthly Rate	USOC	
a. Each additional point of termination of a local channel in a different building on the same premises (Obsoleted 01-01-87, Type B)			(M1)
(1) Charges			(M1)
(a) Per 1/4 mile or fraction thereof	\$ 3.50	1LM+G	(M1)
(b) Minimum Charge	6.98	NA	(M1)
b. Each additional point of termination of a local channel (Obsoleted 01-01-87, Type B)			(M1)
(1) In the same building			(M1)
(a) Charge	6.98	2SE++	(M1)
			Installation Charge
c. Two-point service different buildings same premises (Obsoleted 01-01-87, Type D; available solely at the discretion of the Company for new service, additions, or transfers of service where spare capacity is available in existing cable facilities.)			
(1) Per 1/4 mile or fraction thereof			
(a) Half Duplex ^{1,2}	\$ 66.40	3.50	1LMFY
(b) Duplex ^{1,2}	66.40	3.50	1LMEY
(c) Minimum Charge	-	6.98	NA
d. Two-point service (Obsoleted 01-01-87, Type D; available solely at the discretion of the Company for new service, additions, or transfers of service where spare capacity is available in existing cable facilities.)			
(1) Same building			
(a) Half Duplex	66.40	6.98	1LM+B
(b) Duplex	66.40	6.98	1L6+B
e. Each additional point of termination (Obsoleted 01-01-87, Type B, <i>Guidebook</i> Reference Section B3.)			(T)
(1) In the same building for two-point service in B103.2.2.B.1.c. or d			
(a) Half Duplex	-	3.50	1LM+A
(b) Duplex	-	3.50	1L6+A

B103.2.3 Series 6000

(Obsoleted 09-02-80, Type D; not available for new installations, moves or transfers. Existing customers may add channels only to the extent that they are available.)

A. Charges for a channel wholly within a building or between buildings on the same premises

1. For 500 feet or fraction thereof,

	Installation Charge ²	Monthly Rate	USOC	
(a) route measurement	\$66.40	\$ 0.77	1LGRE	(M2)

Note 1: The rates and charges in this Guidebook for channels between buildings on the same premises are applicable only for those facilities in place as of June 5, 1983. On premises cable placed after June 5, 1983, will be provided based on cost.

Note 2: The installation charge is per channel.

Page 7.1 is hereby deleted in its entirety and removed from this Guidebook.

M1 - Material appearing on this page previously appeared on page(s) 6.2 of this section.

M2 - Material appearing on this page previously appeared on page(s) 7.1 of this section.

B103. OBSOLETE SERVICE OFFERINGS - CHANNELS

B103.3 Description Of Service And Rates - Interexchange

(T)

B103.3.1 Series 1000 - Sub Voice Grade Service

(T)

A. The following types of Sub Voice Grade Services are designed for transmission of low speed data at speeds up to 75 and up to 150 baud within certain technical specifications. These channels are furnished for half duplex and duplex operation for use with two-point or multi-point Private Line Services. The service is not suitable for transmission of alternating tones. Effective 8-31-85, Obsolete Type B, not available for new installations, additions or on transfer of service to new locations.

(M)

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

1. Type 1050

A 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 percent (8%) telegraph distortion local and capable of processing received data signals with up to 35 percent (35%) telegraph distortion.

(T)

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.

2. Type 1051

EIA Standard RS232B type interface engineered for binary signals at rates up to 150 baud and the terminal equipment with a transmitted output of not more than 5 percent (5%) telegraph distortion and capable of processing received data signals with up to 40 (40%) percent telegraph distortion.

(T)

C. Parameters and Specifications for Sub Voice Grade Local Channels used with Customer Provided Station Equipment (CPE) is discussed in B103.3.1.B. The following type specifications apply.

1. Basic Parameters with Specification or Limit

a. Channel Signals

Local Channels used with CPE - as specified in B103.2.1.B. Note that the specifications of channel signals refer to the requirement of the total service offering and not the individual local channel.

b. Channel Distortion

Local Channels used with CPE - as specified in B103.3.1.B. Note that the specifications for channel distortion refer to the requirement of the total service offering and not the individual local channel.

c. Power Requirement

For up to 75 Baud Type - 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 non-switched outlet.

For up to 150 baud - customer must in all cases provide a source of continuous 117 volt, 60 Hz ac power, non-switched outlet.

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

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

D. (DELETED)

B103. OBSOLETE SERVICE OFFERINGS - CHANNELS

B103.3 Description Of Service And Rates - Interexchange (Cont'd)

B103.3.2 Series 2000 - Voice Grade Service

- A. Reserved For Future Use
- B. Rates and Charges
 - 1. Interexchange - Additional Points of Termination
(Obsoleted 01-01-87, Type B; *Guidebook* Reference Section B3.)

	Monthly Rate	USOC	
a. Each additional point of termination of a local channel in a different building on the same premises			(T) (M)
(1) Charge			
(a) Per 1/4 mile or fraction thereof	\$ 4.37	1LT+G	(M)
(b) Minimum Charge	8.73	NA	(M)
b. Each additional point of termination of a local channel			(M)
(1) In the same building			(M)
(a) Minimum Charge	8.73	2SE++	(M)

B103. OBSOLETE SERVICE OFFERINGS - CHANNELS

(M)

B103.4 Non-Wire Center Connected Channels

(Obsoleted 9/1/03, Type B – Not available for new installations, additions or on transfers of service to new locations).

A. Served Direct

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

	Monthly Rate	Nonrecurring Charge		
		First	Additional	USOC
(a) Series 1000	\$ 13.20	\$ 561.00	\$ 224.40	SDD1X
(b) Series 2000	16.50	561.00	224.40	SDD2X
(c) Series 6000	23.10	561.00	224.40	SDD6X

B103.5 Reserved For Future Use

B103.6 Series 10000 Channels (Entrance Facilities)

(Obsoleted 02-15-90, Type D; not available for new installations, moves or transfers. Existing customers may add channels only to the extent that they are available.)

A. Types and Description

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, Centrex Type Services Switching Equipment 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.

Type 10001 - Approximate bandwidth of 300 - 3000 cycles 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 and 2000 channels.

B. Terms and Conditions

In addition to the *Terms and Conditions* set forth in Section B2., the following *Terms and Conditions* apply to Series 10000 channels as specified following:

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.

C. Rates - Monthly Service

Type 10001

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

(T)

(T)

B103. OBSOLETE SERVICE OFFERINGS - CHANNELS**B103.7 Reserved For Future Use****B103.8 Reserved For Future Use****B103.9 Reserved For Future Use****B103.10 Description Of Service And Rates - Customer Operating Center Service (COC)**

Obsoleted 02-15-90, Type D; customers may continue to activate channels within their existing size of service cable.

B103.10.1 General

- A. Customer Operating Center Service (COC) is designed for use by customers who utilize large, dedicated quantities of local channels of the types described in B103.10.1.K.2 between their location and the serving wire center. (T)
- B. Customer Operating Center Service is provided to customers at their option. The rates for COC service are billed directly by the Company to the customer of COC service.
- C. For the purposes of this *Guidebook*, a Customer Operating Center is defined as a customer location: (T)
 - 1. owned or leased by the customer over which the customer has control and provides security.
 - 2. from which the customer furnishes and administers services to multiple clients in a geographical area. The term "Patron" denotes a subscriber to the services offered by the owner or lessee of a Customer Operating Center.
 - 3. at which a system, or a group of systems, owned or leased by the customer whose operation is to receive signals and messages which are recorded, maintained, and supervised by the customer.
 - 4. at which the customer has regularly scheduled observers and operators and/or equipment in attendance at all times which, upon receipt of a signal or message from a patron take such action as shall be required under the rules established by the customer for their/its guidance.

B107. OBSOLETE SERVICE OFFERING - DIGITAL NETWORK SERVICE

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B107. OBSOLETE SERVICE OFFERINGS - DIGITAL NETWORK SERVICE

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A. Reserved For Future Use

B107.2 Reserved For Future Use**B107.3 Reserved For Future Use****B107.4 LightGate Service**

(T)

B107.4.1 Reserved for Future Use**B107.4.2 Reserved for Future Use****B107.4.3 Digital Architecture and Definitions**

A. Reserved for Future Use

B. Definitions

LIGHTGATE SERVICE 2

(T)

(Obsoleted 11/23/01, Type D) Not available for new installations or moves of service to a different premises. New channel activations must be ordered under B7.4.5. No termination liability charge will be applicable for an existing customer under a CSPP arrangement who converts to rates in B7.4.5 as long as the service is at the same location(s) for a service period equal to or greater than the time remaining on the existing CSPP arrangement. In addition, nonrecurring charges will be waived for customers converting their existing service to rates in B7.4.5. Any new features added at the time of conversion will incur standard nonrecurring charges as stated B7.4.5.

The term LightGate 2 service denotes a service which provides extended service capability of multiples of DS3 data rates to the customer. Essentially, it provides three times the potential capacity of LightGate service 1. The associated channelization equipment will permit combinations of DS3, DS1 and DS0 level services in a flexible building block structure. Appropriate electrical signals will be provided in accordance with the specifications of BellSouth Technical Reference #73501. This offering is intended to be a very flexible, link connectable transport service for the very large customer. It has the capability of connecting with individual exchange and private line services, MegaLink channel service, SMARTRing service and/or other LightGate services.

(T)

B107. OBSOLETE SERVICE OFFERINGS - DIGITAL NETWORK SERVICE

B107.4 LightGate Service (Cont'd)

B107.4.4 Rates And Charges

(Obsoluted 11/23/01, Type D) Not available for new installations or moves of service to a different premises. New channel activations must be ordered under B7.4.5. No termination liability charge will be applicable for an existing customer under a CSPP arrangement who converts to rates in B7.4.5 as long as the service is at the same location(s) for a service period equal to or greater than the time remaining on the existing CSPP arrangement. In addition, nonrecurring charges will be waived for customers converting their existing service to rates in B7.4.5. Any new features added at the time of conversion will incur standard nonrecurring charges as stated B7.4.5.

A. Basic LightGate Service

1. LightGate 1 service System¹ (One DS3 Capacity)

a. Includes photonic common equipment and first one-half air mile of local channel fiber optic facilities. Additional specific interface equipment is required in the central office and customer premises, as contained in (2) and (3). Mileage charges are as contained in B. Channelization for individual analog and digital services is contained under MegaLink channel service in section B7.3.

	Nonrecurring Charge	Month To Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC
(1) LightGate 1 service Basic System ²						
(a) Per System	\$3,000.00	\$2,880.00	\$2,500.00	\$2,380.00	\$2,250.00	HFQ4+
(2) Electrical Interface Equipment - Central Office ²						
(a) Per DS3 ³	550.00	86.00	66.00	66.00	66.00	FQA4X
(b) Per DS1 ⁴	150.00	14.00	10.00	10.00	10.00	FQA1X
(3) Electrical Interface Equipment - Customer Premises ²						
(a) Per DS3 ³	550.00	98.00	75.00	75.00	75.00	FQB4X
(b) Per DS1 ⁴	250.00	17.00	13.00	13.00	13.00	FQB1X

Note 1: Contract lengths are now flexible to allow customer choice of payment period per B2.4.9.

Note 2: Month-to-month rates are only available at the end of a contract rate period.

Note 3: DS3 capability is provided where the customer does not desire channelization to DS1 or DS0 channel levels. This interface should not be provided where DS1 and DS0 level signals are provided at that system's termination point. However, if a DS3 signal is extended from the LightGate 1 service System serving central office to a remote central office, a DS3/DS1 multiplexer may be ordered at the remote central office by a customer to derive DS1 channel levels at rates contained in B107.4.4.A.2.

Note 4: DS1 capability is only available in groups of 4 DS1s. When existing DS1 capacity is exhausted, the customer must request additional DS1 service in groups of 4 DS1 channels. Each DS1 can transport 24 DS0 channels.

B107. OBSOLETE SERVICE OFFERINGS - DIGITAL NETWORK SERVICE

B107.4 LightGate Service (Cont'd)

B107.4.4 Rates And Charges (Cont'd)

A. Basic LightGate Service (Cont'd)

2. LightGate 2 service System¹ (Three DS3 Capacity)

a. Includes photonic common equipment and first one-half air mile of local channel fiber optic facilities. Additional specific interface equipment is required, as contained in (1) (b). Where channelization is desired to provide DS1 and DS0 channels, then a DS3/DS1 multiplexer must also be utilized in the central office and/or at a customer's premises, as contained in (2) and (3). Mileage charges are as contained in B. Channelization for individual analog and digital services is contained under MegaLink channel service in section B7.3.

	Nonrecurring Charge	Month To Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC
(1) LightGate 2 service Basic System ²						
(a) Per System	\$3,000.00	\$4,080.00	\$3,550.00	\$3,400.00	\$3,250.00	HFQ5+
(b) Per DS3 Electrical Interface ³	\$1,100.00	\$100.00	\$80.00	\$80.00	\$80.00	FQD4X
(2) DS3/DS1 Multiplexers - Central Office ²						
(a) Per DS3/DS1 Multiplexer ^{4,5}	500.00	660.00	560.00	540.00	520.00	VUM35
(b) Per DS1 Electrical Interface ⁶	150.00	14.00	10.00	10.00	10.00	FQA1X
(3) DS3/DS1 Multiplexers - Customer Premises ²						
(a) Per DS3/DS1 Multiplexer ⁵	500.00	720.00	620.00	600.00	580.00	VUM3C
(b) Per DS1 Electrical Interface ⁶	250.00	17.00	13.00	13.00	13.00	FQB1X

Note 1: Contract lengths are now flexible to allow customer choice of payment period per B2.4.9.

Note 2: Month-to-month rates are only available at the end of a contract rate period.

Note 3: This includes both central office and customer premises equipment. Each LightGate 2 service System can support a maximum of three DS3 signals.

Note 4: This DS3/DS1 multiplexer is suitable for use separately with interoffice channel links as appropriate.

Note 5: Each DS3/DS1 multiplexer requires DS1 electrical interface equipment and can accommodate a maximum of 28 DS1 signals. Automatic protection switching of a DS3 electronic signal is included with the multiplexer.

Note 6: DS1 capability is only available in groups of four DS1s. When existing DS1 capacity is exhausted, the customer must request additional DS1 service in groups of four DS1 channels. Each DS1 can transport 24 DS0 channels.

B107. OBSOLETE SERVICE OFFERINGS - DIGITAL NETWORK SERVICE

B107.4 LightGate Service (Cont'd)

(T)

B107.4.4 Rates And Charges (Cont'd)

B. Mileage Charges

	Nonrecurring Charge	Month To Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC
1. Local Channels ¹ (for LightGate 1 and 2 service)						
(a) First one-half mile (Included in System Charge)	-	-	-	-	-	NA
(b) Each additional one-half mile	-	\$ 450.00	\$ 395.00	\$ 375.00	\$ 355.00	1LDP3
2. Interoffice Channels ¹ (Automatic protection switching of DS3 data rates is assured in interoffice facilities.)						
(a) Per DS3, first mile	\$650.00	2,240.00	1,950.00	1,850.00	1,750.00	1LNPC
(b) Per DS3, each additional mile	-	410.00	360.00	340.00	320.00	1LNPD

(T)

C. (DELETED)

D. (DELETED)

E. (DELETED)

F. (DELETED)

G. (DELETED)

H. (DELETED)

I. Route Diversity

Customer rates and charges for physical route diversity will be negotiated on an individual case basis.

Note 1: Contract lengths are flexible to allow customer choice of payment period per B2.4.9.

(T)

B107. OBSOLETE SERVICE OFFERINGS - DIGITAL NETWORK SERVICE

B107.5 MegaLink ISDN Service (T)

(Obsolated 10/30/96. Type D) Not available for new installations or moves of service to a different premises. No additions or rearrangements to existing service allowed. Upon expiration of existing contracts MegaLink ISDN service can only be retained on a month-to-month payment plan basis. (T)

B107.5.1 General

- A. MegaLink ISDN service is an intraLATA group of offerings supported by the Integrated Services Digital Network (ISDN) architecture. (T)
- B. MegaLink ISDN service provides a method of access to the telephone network called Primary Rate Access. Primary Rate Access is an ISDN based, DS1 access link to the telecommunications network and provides integration of multiple voice and data transmission channels on the same line. The service will initially provide connectivity between an ISDN PBX or other ISDN compatible CPE and a serving central office. The basic channel structure for Primary Rate Access is twenty-three 64 Kbps (B) channels and one 64 Kbps (D) channel. Options are available for any or all of the B channels. These channels may be used to connect the customer's CPE to the Public Circuit Switched Network (e.g. outward, inward and two-way trunks, and WATS/800 Service access lines). (T)
- C. MegaLink ISDN service is a service for the transmission of digital signals only. Clear Channel Capability and Extended Superframe Format are inherent to the service. (T)
- D. Unless specified following, the *Terms and Conditions* for MegaLink ISDN service specified herein apply in addition to the *Terms and Conditions* set forth in Section B2. (T)
- E. MegaLink ISDN service is provided within a LATA from wire centers where appropriate ISDN facilities are available as determined by the Company. In addition, when exchange services are desired, wire centers must offer usage based pricing. Service inquiries will be necessary to determine availability. Special Construction charges will apply as specified in B7.1. (T)

B107.5.2 Terms and Conditions (T)

- A. Customer Premises Equipment (CPE) that is compatible with the MegaLink ISDN service interface is the responsibility of the user for provisioning. (T)
- B. The Company shall not be responsible if changes in any of the equipment, operations, or procedures of the Company utilized in the provision of Primary Rate MegaLink ISDN service render any facilities provided by the customer obsolete or require modification or alteration of such equipment or system or otherwise affect its use or performance. (T)
- C. Digital transmission rates at speeds less than those indicated may be accomplished as a function of the particular CPE furnished by the user. (T)

B107. OBSOLETE SERVICE OFFERINGS - DIGITAL NETWORK SERVICE

B107.5 MegaLink ISDN Service (Cont'd)

B107.5.2 Terms and Conditions (Cont'd)

- D. Suspension of service is not allowed. (T)
- E. *Terms and Conditions* for Allowance of Interruptions apply as specified in Section A2 of the General *Exchange Guidebook* and Section B2 of this *Guidebook*. (T)
- F. Service Order Charges in Section A4 of the General *Exchange Guidebook* do not apply. (T)
- G. Minimum subscription period for which month-to-month MegaLink ISDN services are furnished and for which charges are applicable is one month. (T)
- H. In addition to month-to-month rates, MegaLink ISDN service is available under contractual rate periods based on lengths of twenty-four to forty-eight months, forty-nine to seventy-two months, or seventy-three to ninety-six months. (T)
- I. Local exchange services utilizing the MegaLink ISDN service Primary Rate Interface are available as specified in A3 of the General *Exchange Guidebook*. (T)
- J. WATS/800 services utilizing the MegaLink ISDN Service Primary Rate Interface are available in section A19 of the General *Exchange Guidebook*. (T)
- K. Verification and Emergency Interrupt service is not available for MegaLink ISDN services. (T)
- L. Upgrades, from a MegaLink service and/or a MegaLink channel service contract arrangement, are permitted with no Termination Liability charges when: (T)
 - 1. a new contract is selected for the MegaLink ISDN service equal to or greater than the arrangement being terminated, and (T)
 - 2. the service orders to disconnect the MegaLink service and/or the MegaLink channel service arrangement and to install the MegaLink ISDN service are related together and received by the Company at the same time with no lapse of service. (T)
- M. Telephone numbers transmitted via the Optional Incoming Call Identification feature are intended solely for the use of the MegaLink ISDN service subscriber. Resale of this information is prohibited by this *Guidebook*, except the callers' numbers may be provided to the subscriber's client for those calls sponsored or provided by that client where the client's identity is disclosed to the caller and the client agrees not to distribute such information to others. (T)
- N. Non-facility Associated Signaling (NFAS) provides the capability to serve multiple DS1's over a single D channel (NB+D). This feature can be ordered where switch capabilities exist as stipulated in the vendor technical documentation. When NFAS is selected, the customer will order one MegaLink ISDN service arrangement with twenty-three B channels and 1 D channel. Additional MegaLink ISDN service arrangements are ordered with twenty-four B channels at rates and charges provided in B107.5.6.D. The D channel activated on the initial arrangement serves the additional MegaLink ISDN arrangements. If the customer desires, he may also request a back-up D channel with the NFAS option (NB+2D). It is recommended that D channels be provisioned in separate MegaLink ISDN service arrangements. (T)
- O. When a customer's normal serving central office is not equipped to provide MegaLink ISDN service, the customer may be served from an equipped central office without incurring interoffice charges. MegaLink ISDN service customers to be served under this arrangement must sign an agreement the service will be moved back to the normal serving central office and to a probable number change when/if that office is equipped with ISDN. (T)

B107. OBSOLETE SERVICE OFFERINGS - DIGITAL NETWORK SERVICE

B107.5 MegaLink ISDN Service (Cont'd)

(T)

B107.5.3 Definitions

B CHANNEL

A bidirectional synchronous channel capable of supporting 64 Kbps of digital transmission.

D CHANNEL

A 64 Kbps digital signaling only channel for call establishment when used with Primary Rate Access.

64 KBPS CLEAR CHANNEL CAPACITY (CCC)

A B channel connection that provides end-to-end digital connection in which all 64 Kbps of bandwidth are available for customer use.

THIRTY-SIX MONTH TERM PAYMENT PLAN

Payment periods may be selected from twenty-four months to forty-eight months in length at thirty-six month rates and charges.

SIXTY MONTH TERM PAYMENT PLAN

Payment periods may be selected from forty-nine months to seventy-two months in length at sixty month rates and charges.

EIGHTY-FOUR MONTH TERM PAYMENT PLAN

Payment periods may be selected from seventy-three to ninety-six months in length at eighty-four month rates and charges.

B107.5.4 Application of Rates

- A. MegaLink ISDN service Primary Rate Access Lines 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 the customer's Serving Wire Center. (T)
- B. Interoffice Channels furnished between central offices will be charged at rates based on airline distance between the central offices. (T)
- C. MegaLink ISDN service is available on a month-to-month basis or under variable rate periods, with rates based on length of twenty-four to forty-eight months, forty-nine to seventy-two months, or seventy-three to ninety-six months under conditions specified in the Channel Services Payment Plan in B2.4 except as modified following. (T)
- D. MegaLink ISDN service rates under any Term Payment Plan are exempt from Company-initiated changes for the payment period selected. 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. (T)
- 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. (T)
- F. Airline distance between Company central offices shall be developed using the methodology found in B3.3.3. Fractional mileage shall be rounded up to the next full mile. (T)
- G. Nonrecurring charges will not be applicable for the Primary Rate Access Line or Interoffice Channel facilities when upgrading an existing MegaLink service to a MegaLink ISDN service. (M)

B107. OBSOLETE SERVICE OFFERINGS - DIGITAL NETWORK SERVICE

B107.5 MegaLink ISDN Service (Cont'd)

B107.5.5 Service Components

- A. The customer may choose any number of channels up to twenty-three per Primary Rate Interface to be active with a corresponding number of services (e.g. inward/outward trunks, WATS Lines, 800 Service) selected. The customer may also choose to have more services selected than channels available for specific applications. The total number of communication paths may not exceed the number of channels subscribed. (T)
- B. The required components for MegaLink ISDN service will be as follows: (T)
- Primary Rate Access Line
 - Primary Rate Interface
 - Primary Rate B Channels
 - Call-by-Call/Integrated Service Access Feature Capability
 - Network Access and Usage Charges where applicable
1. Primary Rate Access Line - will provide a four-wire access loop from the customer premises to the serving wire center. The transmission characteristics of this loop support Clear Channel Capability and Extended Superframe Format (ESF). (T)
 2. Interoffice Channels - will provide for the transmission facilities between Company serving wire centers within a LATA.
 3. Primary Rate Interface - provides central office multiplexing to support twenty-three B channels at 64 Kbps and one D channel for signaling also at 64 Kbps
 4. Primary Rate B Channels - will provide circuit switched service that will allow either voice or data transmission at up to 64 Kbps. When Non-facility Associated Signaling (NFAS) is ordered, the Primary Rate Interface can provide up to twenty-four B channels at 64 Kbps.
 - a. Monthly rates for Primary Rate B Channels will depend on the associated option selected by the customer. Options available are as follows:
 - Usage Sensitive Billing - for customers selecting usage sensitive billing for their use of the local exchange circuit switched network. Customers selecting this option will be billed for local exchange service in accordance with Network Access Service (NAS) rates and charges found in A3.26 of the General *Exchange Guidebook* for all ISDN and non-ISDN facilities terminated at the same premises. Primary rate channels associated with this option are designated as usage sensitive B Channels in B107.5.6.D. (T)
 - Usage Surcharge Billing - for customers selecting flat rate billing for their use of the local exchange switched network. Customers selecting this option will be billed for local exchange service in accordance with flat rate Network Access Register (NAR) rates and charges found in A3.12 of the General *Exchange Guidebook* for their ISDN facilities. Primary Rate Channels associated with this option are designated as flat rate B channels in B107.5.6.D.
 - b. Voice calls may be completed to both ISDN and non-ISDN lines.
 - c. Data Transmission on the B channel will be circuit switched at 64 Kbps within the switch and between ISDN compatible central offices. ISDN interconnection to non-ISDN equipped central offices may be potentially subjected to analog transmission or sub-rated to 56 Kbps.
 - d. The customer may choose to subscribe to additional non-exchange based services. Initial choices for these services will be WATS and 800 Service. The subscription to these services is in addition to the charges for MegaLink ISDN service. (T)
 5. Call-by-Call/Integrated Service Access Feature Capability - This feature will allow the customer to dynamically allocate the use of channels for the MegaLink ISDN service. The customer may also choose voice or data transmission on a per call basis. In addition, the customer may also choose to subscribe to more services than channels and dynamically change the services in use. (T)
 6. Network Access and Usage Charges - Network Access for MegaLink ISDN service is based upon the type of service the customer desires. Exchange access is provided as specified in A3 of the General *Exchange Guidebook*. Customers electing WATS or 800 service will obtain service access in Section A19 of the General *Exchange Guidebook*. (T)
- C. Incoming Call Identification - This optional feature provides the customer with the telephone number of the calling party. Incoming call identification is provided via the D Channel associated with incoming calls on a B channel(s) to a PBX. Optional Calling Number Delivery Blocking is available as set forth in A13.19 of the General *Exchange Guidebook*. (T)

B107. OBSOLETE SERVICE OFFERINGS - DIGITAL NETWORK SERVICE

B107.5 MegaLink ISDN Service (Cont'd)

B107.5.6 Rates and Charges

A. All usual and applicable Service Connection Charges and Nonrecurring Charges as specified in the General *Exchange Guidebook*, and Access Services Tariff apply to the activation, move or change of channel equivalents within MegaLink ISDN service packages as well as for installation of the basic system. Suspension of service is not permitted with MegaLink ISDN service. (T)

	Nonrecurring Charge	Month To Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC	
B. A MegaLink ISDN Primary Rate Access Line is furnished between a Serving Wire Center and the customer's premises. Rates will be charged for each Primary Rate Access Line activated. (T)							
1. Primary Rate Access Line							
(a) First 1/2 mile	\$660.00	\$161.00	\$109.25	\$103.50	\$97.75	1LDN1	(T)
(b) Each additional 1/2 mile, or fraction thereof	-	35.00	23.75	22.50	21.25	1LDNA	(T)
(c) Connection for existing customer facilities	-	-	-	-	-	1LDNF	
C. Interoffice Channels furnished between central offices. Rates are based on the airline distance. ¹ (T)							
1. Interoffice Channel, each channel 0 - 8 miles							
(a) Fixed monthly rate	310.00	105.00	65.00	60.00	55.00	1LNF8	(T)
(b) Each airline mile, or fraction thereof	-	47.60	18.00	16.00	14.00	1LNN8	(T)
2. Interoffice Channel, each channel 9 - 25 miles							
(a) Fixed monthly rate	320.00	105.00	65.00	60.00	55.00	1LNF9	(T)
(b) Each airline mile, or fraction thereof	-	47.60	18.00	16.00	14.00	1LNN9	(T)
3. Interoffice Channel, each channel over 25 miles							
(a) Fixed monthly rate	335.00	105.00	65.00	60.00	55.00	1LNF5	(T)
(b) Each airline mile, or fraction thereof	-	47.60	18.00	16.00	14.00	1LNN5	(T)
D. MegaLink ISDN services will be available in combinations of Primary Rate Channels according to the limits of the Company central office type. Customers will choose the most appropriate combination(s) and will be billed for the services as appropriate. (T)							
(1) Primary Rate Interface							
(a) Each	330.00	546.00	290.00	280.00	270.00	PRFS1	(T)
(2) Primary Rate B Channels							
(a) Per usage sensitive B channel	7.00	9.80	5.50	5.50	5.50	PRFC1	(T)
(b) Per flat rated B channel	7.00	26.60	17.50	17.50	17.50	PRFCM	(T)
(3) Call-by-Call/Integrated Service Access Service Selection							
(a) Per facility group	115.00	21.00	10.00	10.00	10.00	PRFAS	(T)

Note 1: Refer to B3.3.3 for mileage measurement methodology. (T)

B107. OBSOLETE SERVICE OFFERINGS - DIGITAL NETWORK SERVICE

B107.5 MegaLink ISDN Service (Cont'd)

(T)

B107.5.6 Rates and Charges (Cont'd)

E. Optional Features

(1) Incoming Call Identification Per Incoming or Two-Way Service

	Nonrecurring Charge	Month To Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC
(a) 1 - 8 Services, each	-	\$35.00	\$25.00	\$25.00	\$25.00	NUBC1
(b) 9 - 15 Services, each	-	28.00	20.00	20.00	20.00	NUBC2
(c) 16 or more Services, each	-	21.00	15.00	15.00	15.00	NUBC3

(T)

(T)

(T)

F. Move Charge

A move charge, per MegaLink ISDN service, applies for each Primary Rate Access Line moved to a new location in the same building. This move charge is equal to the sum of the Primary Rate Access Line Nonrecurring Charge, Service Change Charge - Inside Moves, and Premises Visit Charge.

(T)

G. Service Connection Charges

1. Service Establishment Charges are applicable, for each MegaLink ISDN service 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. (T)
2. 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 ISDN service. A Service Change Charge is applicable for each Primary Rate Access Line associated with the customer request (in lieu of a Service Establishment Charge).
3. Premises Visit Charges are applicable, per Primary Rate Access Line, for the termination of a channel at a customer's premises or for inside moves. Only one Premises Visit Charge applies for customer premises work done subsequent to the initial service establishment.
4. Charges for MegaLink ISDN Service (T)

	Nonrecurring Charge	USOC
a. Service Establishment Charge		
(1) Per MegaLink ISDN (DS1) service		
(a) Each	\$350.00	NRCPA
b. Service Change Charge		
(1) Per MegaLink ISDN (DS1) service		
(a) For service changes and/or inside moves, each	375.00	NRCPM
(b) Per transfers of responsibility, each	180.00	NRCPT
c. Premises Visit Charge ¹		
(1) Per Primary Rate Access Line or for an Inside Move		
(a) Per visit	25.00	NRCPC

(T)

(T)

(T)

Note 1: This charge is applicable for work done subsequent to the initial service establishment. (T)

B108. OBSOLETE SERVICE OFFERINGS – CUSTOM NETWORK SERVICE

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B108. OBSOLETE SERVICE OFFERINGS - CUSTOM NETWORK SERVICE

B108.1 General

Custom Network Service is furnished to provide custom-designed IntraLATA Private Line Service networks. Each network design is offered herein as a Custom Network Service arrangement, and each is further identified with a Roman numeral designation (e.g., Custom Network Service Arrangement I). A Custom Network Service Arrangement is only available under a contractual payment period according to the terms and conditions specified herein. The Private Line Services provided in a Custom Network Service Arrangement are subject to the general terms and conditions for service stated elsewhere in this Guidebook, except where specified otherwise in a Custom Network Service Arrangement. In order to subscribe to a 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.

B108.2 Custom Network Service Arrangement I

(Obsoleted November 1, 2013) Custom Network Service Arrangement I is only available for existing customers at existing locations. Not available for new service, additions to existing service or moves of existing service to new locations.

B108.2.1 General

Custom Network Service Arrangement I is provided to furnish a large data network composed of Type 2463 and/or Type 2464 Voice Grade Analog Data Service (may be referred to herein as analog data service). This arrangement will provide the terms and conditions, rates and charges to allow the provisioning of a very large data network for the specified payment period. The analog data service provided in Custom Network Service Arrangement I will be subject to the *terms and conditions* in this Guidebook which apply to Types 2463 and/or 2464 analog data service from Section B3, except where stated otherwise herein. (T)

B108.2.2 Terms and Conditions

- (T)
- A.** Custom Network Service Arrangement I is provided under a fixed ten (10) year payment period and shall be administered in accordance with the terms and conditions contained in the Channel Services Payment Plan, B2.4.9.A, except as follows:
1. The customer has the following options for service following the expiration of the ten 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 his contract service expires.
 - b. The customer may elect that his network service revert back to the generally available analog data service rates in Section B3 that are in effect at the time his contract service expires.
 - c. The customer may elect that all Custom Network Service be disconnected at the expiration of his contract period. No Termination Liability Charges shall apply.
 - d. If the customer does not elect a, b or c, or does not notify the Company of his intentions prior to the time his contract service expires, service shall be continued at the monthly rates currently in effect for month-to-month analog data service from Section B3 until notified otherwise by the customer. (M)

B108. OBSOLETE SERVICE OFFERINGS - CUSTOM NETWORK SERVICE

B108.2 Custom Network Service Arrangement I (Cont'd)

B108.2.2 Terms and Conditions (Cont'd)

A. (Cont'd)

2. The minimum initial size for a data network under Custom Network Service Arrangement I shall be 1200 analog data service local channels located in the Company serving area in Kentucky. (M1)

The minimum size for Custom Network Service Arrangement I by the end of the first year of this payment agreement shall be a combined total of 1800 local channels, analog data or alternative service local channels, located in the Company serving area in Kentucky. The term "alternative service local channels" shall mean local channels from other Company-provided alternative services available under a payment period option (i.e., SynchroNet service) which are to be used in the provision of this data network. The minimum size for Custom Network Service Arrangement I by the end of the second and each subsequent year of this 10 year payment agreement shall be a combined total of 2000 local channels, analog data or alternative service local channels, located in the Company serving area in Kentucky. The data network provided under Custom Network Service Arrangement I shall be reviewed annually on the anniversary date of the signing of the payment agreement for Custom Network Service Arrangement I. The purpose of each annual review will be to determine if the data network minimum size has been met and is being maintained, and to make billing adjustments if the size of the network is below the stated minimum.

- a. If the count of local channels is the stated minimum or above on the anniversary date, the network minimum has been met and no billing adjustment is required.
- b. If the count of local channels is less than the stated minimum on the anniversary date, the network minimum has not been met and a one-time charge shall apply to adjust the billing for the prior year. This charge shall be referred to as the annual adjustment charge and is not subject to the Deferred Payment option provided in B2.4.9.A.9.

The annual adjustment charge shall be calculated as follows and shall be imputed as a one-time charge:

- The customer shall pay the equivalent of the monthly rate for an analog data local channel provided herein Custom Network Service Arrangement I, times the difference between the local channel count on the anniversary date and the local channel minimum for that year, times six (6) months. Six months is used in this calculation to take into account a customer's inward and outward movement that may occur throughout the year.
- c. The disconnect or moves of individual local and/or interoffice channels within 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 paragraph d) and shall be calculated as follows:
- The Termination Liability Charge shall be equal to the appropriate monthly rate for an analog data local channel 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, with a minimum quantity of local channels of 1800 after year one (1) or 2000 after year two (2) to be used if the actual number of local channels at the time of disconnect is less than the appropriate minimum for that year.
- d. A Termination Liability Charge as specified in paragraph c shall apply for the complete disconnect of Custom Network Service Arrangement I unless both of the following conditions are met:
- 1) the customer elects either another Custom Network Service Arrangement or elects to convert all the analog data local channels in this network to alternative service local channels provided under a payment period option, and
 - 2) the new service's agreement is 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.

- B.** Nonrecurring charges specified in B8.2.3 do not apply for the conversion of analog data service in place at the time the customer establishes Custom Network Service Arrangement I. Any requests for new service to be added to the customer's network at the time Custom Network Service Arrangement I is established will be subject to the nonrecurring charges specified in B8.2.3. (M2)

B108. OBSOLETE SERVICE OFFERINGS - CUSTOM NETWORK SERVICE

B108.2 Custom Network Service Arrangement I (Cont'd)

(M)

B108.2.3 Rates and Charges

A. Voice Grade Analog Data Service¹

	Monthly Rate	Nonrecurring Charge		USOC
		First	Additional	
1. Four-Wire Local Channels, per point of termination				
(a) Type 2463, each	\$45.00	\$375.00	\$160.00	P2JMX
(b) Type 2464, each	45.00	375.00	160.00	P2JNX
2. Voice Grade Interoffice Channels (Series 2000)				
	Fixed Monthly Charge	Monthly Charge Per Mile	Nonrecurring Charge Per Channel	USOC
(a) 1 thru 8 miles	\$25.00	\$1.75	\$92.00	3LBBS
(b) 9 thru 25 miles	25.00	1.70	92.00	3LBBS
(c) Over 25 miles	25.00	1.65	92.00	3LBBS
3. Optional Features and Functions				
a. Voice Grade Bridges (Series 2000)				
(1) Data Bridging, Per Port		Monthly Rate	Nonrecurring Charge	USOC
(a) Four-Wire (Types 2463 and 2464)		\$8.00	\$32.00	BQ9

B108.3 Custom Network Service Arrangement II

(Obsoleted November 1, 2013) Custom Network Service Arrangement II is only available for existing customers at existing locations. Not available for new service, additions to existing service or moves of existing service to new locations.

B108.3.1 General

Custom Network Service Arrangement II is provided to furnish a large data network composed of SynchroNet service (may be referred to herein as digital data service). This arrangement will provide the terms and conditions, rates and charges to allow the provisioning of a very large data network for the specified payment period. The digital data service provided in Custom Network Service Arrangement II will be subject to the *terms and conditions* in this Guidebook which apply to SynchroNet service from Section B7, except where stated otherwise herein.

(T)

Note 1: The monthly rates and charges shown are for the fixed ten year payment period.

B108. OBSOLETE SERVICE OFFERINGS - CUSTOM NETWORK SERVICE**B108.3 Custom Network Service Arrangement II (Cont'd)****B108.3.2 Terms and Conditions**

(T)

- A. Custom Network Service Arrangement II is provided under a fixed three (3) year payment period and shall be administered in accordance with terms and conditions contained in the Channel Services Payment Plan, B2.4.9.A, except as follows:
1. The customer has the following options for service following the expiration of the three year payment period:
 - a. The customer may elect to enter into a new Custom Network Service Arrangement II payment agreement at the rates in effect herein for new customers at the time his contract service expires.
 - b. The customer may elect that his network service revert back to the generally available SynchroNet service rates in Section B7, that are in effect at the time his contract service expires.
 - c. The customer may elect that all Custom Network Service be disconnected at the expiration of his contract period. No Termination Liability Charges shall apply.
 - d. If the customer does not elect paragraph a., b., or c., or does not notify the Company of his intentions prior to the time his contract service expires, service shall be continued at the monthly rates currently in effect for month-to-month SynchroNet service from Section B7 until notified otherwise by the customer.
 2. The minimum size for Custom Network Service Arrangement II by the end of the first year of this payment agreement shall be 700 digital data local channels located in the Company serving area in Kentucky. The minimum size by the end of the second and third year of this payment agreement shall respectively be 800 and 900 digital data local channels located in the Company serving area in Kentucky. The data network provided under Custom Network Service Arrangement II shall be reviewed annually on the anniversary date of the signing of the payment agreement for Custom Network Service Arrangement II. The purpose of each annual review will be to determine if the terms of Custom Network Service Arrangement II are being met, the data network minimum size has been met and is being maintained, and to make billing adjustments if the size of the network is below the stated minimum.
 - a. If the count of local channels is the stated minimum or above on the anniversary date, the network minimum has been met and no billing adjustment is required.
 - b. If the count of local channels is less than the stated minimum on the anniversary date, the network minimum has not been met and a one-time charge shall apply to adjust the billing for the prior year. This charge shall be referred to as the annual adjustment charge and is not subject to the Deferred Payment option provided in B2.4.9.A.9. The annual adjustment charge shall be calculated as follows and shall be imputed as a one time charge:
 - The customer shall pay the equivalent of the monthly rate for a 9.6 Kbps digital data local channel provided herein Custom Network Service Arrangement II, times the difference between the local channel count on the anniversary date and the local channel minimum for that year, times six (6) months. Six months is used in this calculation to take into account a customer's inward and outward movement that may occur throughout the year.

B108. OBSOLETE SERVICE OFFERINGS - CUSTOM NETWORK SERVICE

B108.3 Custom Network Service Arrangement II (Cont'd)

B108.3.2 Terms and Conditions (Cont'd)

A. (Cont'd)

2. (Cont'd)

- c. The disconnect or moves of individual local and/or interoffice channels, node channel terminations and/or associated optional features within the Custom Network Service Arrangement II 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 II (except as specified in d) and shall be calculated as follows:
- The Termination Liability Charge shall be equal to the appropriate monthly rates as specified herein Custom Network Service Arrangement II times the number of months remaining in the payment period, times the quantities of service in place at the time of disconnect, with a minimum quantity of local channels of 700 on year one (1), 800 on year two (2) or 900 on year three (3) to be used if the actual number of local channels at the time of disconnect is less than the appropriate minimum for that year.
- d. A Termination Liability Charge as specified in paragraph c shall apply for the complete disconnect of Custom Network Service Arrangement II unless both of the following conditions are met:
- 1) the disconnect occurs after Custom Network Service Arrangement II has been in place for a minimum of 24 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 II payment period.
- If these conditions are met, no Termination Liability Charge shall apply.
3. Nonrecurring charges specified in B8.3.3 do not apply for the conversion of digital data service in-place at the time the customer establishes Custom Network Service Arrangement II. Any requests for new service to be added to the customer's network at the time Custom Network Service Arrangement II is established will be subject to the nonrecurring charges specified in B8.3.3, except as follows:
- Nonrecurring charges specified in B8.3.3 shall not apply for new digital data service ordered during the first year of service under Custom Network Service Arrangement II; specifically, nonrecurring charges will not apply when the service order application date falls within the first year of the Custom Network Service Arrangement II payment period and service is to be placed within the standard installation interval.
- New service installed during the second and third years of Custom Network Service Arrangement II shall be subject to the appropriate nonrecurring charges provided in B8.3.3.

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B108. OBSOLETE SERVICE OFFERINGS - CUSTOM NETWORK SERVICE

B108.3 Custom Network Service Arrangement II (Cont'd)

B108.3.3 Rates and Charges

A. SynchroNet service¹

	Monthly Rate	Nonrecurring Charge		USOC	
		First	Additional		
1. Digital Local Channel, each					(T)
(a) 2.4 Kbps	\$49.00	\$255.00	\$78.75	1RSD2	(M)
(b) 4.8 Kbps	49.00	255.00	78.75	1RSD4	(M)
(c) 9.6 Kbps	49.00	255.00	78.75	1RSD9	(M)
(d) 19.2 Kbps	49.00	255.00	78.75	1RSD3	
(e) 56.0 Kbps	65.00	255.00	78.75	1RSD5	
(f) 64.0 Kbps	65.00	255.00	78.75	1RSD6	
2. Node Channel Termination, each					
(a) 2.4 Kbps	9.75	27.75	24.00	2UN24	
(b) 4.8 Kbps	9.75	27.75	24.00	2UN48	
(c) 9.6 Kbps	9.75	27.75	24.00	2UN96	
(d) 19.2 Kbps	9.75	27.75	24.00	2UN19	
(e) 56.0 Kbps	28.00	27.75	24.00	2UN56	
(f) 64.0 Kbps	28.00	27.75	24.00	2UN64	
		Monthly Rate	Nonrecurring Charge	USOC	
3. Digital Interoffice Channel					
a. Interoffice channel					
(1) Fixed rates applicable					
(a) 2.4, 4.8, 9.6 and 19.2 Kbps		\$19.50	\$57.00	3LBSF	
(b) 56.0 and 64.0 Kbps		36.00	57.00	3LBSF	
(2) Each mile or fraction thereof					
(a) 2.4, 4.8, 9.6 and 19.2 Kbps		1.80	-	3LBSM	
(b) 56.0 and 64.0 Kbps		3.60	-	3LBSM	
4. MultiPoint Service/Bridging (Optional Feature)					
Per local or interoffice channel bridged ^{2,3,4}					
(a) 2.4, 4.8, 9.6 and 19.2 Kbps		10.00	21.00	6BN	
(b) 56.0 Kbps		10.00	21.00	6BN	

Note 1: The monthly rates shown are for the fixed three year payment period. Nonrecurring Charges shown do not apply in Year 1 of the three year payment period.

Note 2: This option may not be available where 56.0 Kbps repeaters are required for digital local channels.

Note 3: This option may not be available in all service locations.

Note 4: This option is not available with 64.0 Kbps.

B109. OBSOLETE SERVICE OFFERINGS – OPTICAL NETWORK SERVICE

B109.1 BellSouth Wavelength Service (Dedicated Ring Arrangement)

(Obsoleted 12-31-07, Type D; BellSouth Wavelength service Dual Bay service capabilities are not available for new installations, moves or transfers. Existing Dual Bay service arrangement customers may continue to add Dual Bay Expansion Systems and Wavelength Channels up to the capacity of their existing arrangement.)

(Obsoleted 12-31-07), Type D; 1.25 Gbps Transparent Transport and 2.5 Gbps Transparent Transport Wavelength Channels are available for use only with Dedicated Ring Service Arrangements that are in place as of the obsolescence date. Existing customers may continue to add these services up to the capacity of their Dedicated Ring Service Arrangements.)

(Obsoleted 12-1-12), Type D; BellSouth Wavelength Service Dedicated Ring Arrangements are not available for new installations. Existing Dedicated Ring Arrangement customers will be permitted to modify their service by adding new circuits to their existing service, but will not be permitted to add new nodes in new locations. New circuits added to existing locations will utilize the customer's existing Channel Services Payment Plan (CSPP) and should be coterminous with the customer's existing CSPP. Customers with CSPPs that expire may not extend their service contract. In addition, effective December 1, 2016, no Move, Add or Change orders of any type will be accepted.

B109.1.1 General

- A. Obsoleted BellSouth Wavelength service provides high volume optical transport capabilities utilizing a dedicated ring topology. Obsoleted BellSouth Wavelength service is available in one (1) service arrangement, i.e., a Dedicated Ring Arrangement. This service arrangement provides various transparent transport and bit rate specific wavelength channel service capabilities to support customer needs for broadband connectivity.
- B. Reserved for future use.
- C. The BellSouth Wavelength service Dedicated Ring Arrangement provides dedicated bandwidth over dedicated facilities in a ring topology service configuration. A BellSouth Wavelength service Dedicated Ring Arrangement provides the capability for customers to activate wavelength channels between Service Node locations on the ring. A Service Node location is a location where equipment is located that provides customers add/drop connectivity to a BellSouth Wavelength service Dedicated Ring Arrangement via Primary System and Expansion System service components. These service components are considered ring level and contain the fiber transport associated with the service. A minimum of two (2) Service Node locations is required for a BellSouth Wavelength service Dedicated Ring Arrangement. This minimum configuration may be Service Nodes at either a customer-designated premises and a Company serving wire center, at two (2) Company serving wire centers or at two (2) customer-designated premises. Additional Service Node locations at customer-designated premises and/or at Company serving wire centers may be established, up to the limitation of the service. BellSouth Wavelength service Dedicated Ring Arrangement Wavelength Channels are available for the activation of wavelengths between Service Node locations. For BellSouth Wavelength Service Dedicated Ring Arrangements with Service Node locations only at customer designated premises, a Monitoring Node may be required at a Company Central Office in order to assure proper operation of a customer's service and provide alarming/monitoring capability. A Monitoring Node does not contain the capability to add or drop services and will be provided at no additional charge to the customer. A Monitoring Node will appear on a customer's records as a non-rated USOC, as follows:

Monitoring Node, non-rated

USOC
W32MN

BellSouth Wavelength service Dedicated Ring Arrangements are available with Dual Bay service capabilities. A Dual Bay arrangement allows the customer to activate up to 32 wavelengths between adjacent Service Node locations. Dual Bay service configurations have Primary System and Expansion System service components that apply on a per physical bay basis. Dual Bay service components are a Primary System – Dual Bay and Expansion System – Dual Bay.

B109. OBSOLETE SERVICE OFFERINGS – OPTICAL NETWORK SERVICE**B109.1 BellSouth Wavelength (Dedicated Ring Arrangement) (Cont'd)****B109.1.2 Application of Rates**

- A. BellSouth Wavelength service Basic Arrangement Wavelength Channels are available for point-to point applications between two customer premises or for connection of a customer's premises to his BellSouth Wavelength service Dedicated Ring Arrangement in a Company central office.
- B. For Basic Arrangement Wavelength Channels with Channel Network Protection, two (2) Unprotected Wavelength Local Channels and/or Interoffice Channels are configured as primary and secondary wavelengths between a customer's premises. The primary and secondary wavelengths utilize Channel Network Protection – Primary Wavelength and Channel Network Protection – Secondary Wavelength service components to provide network protection and apply per customer premise requested with network protection.
- C. BellSouth Wavelength service Dedicated Ring Arrangement service components are a Primary System, Expansion System, Dedicated Ring Wavelength Channels, Optical Signal Amplification Node and Monitoring Node.
- D. Prior to December 31, 2007, Primary System and Expansion System service components were further classified as Single Bay and Dual Bay, depending on the arrangement ordered by a customer. The Single Bay arrangement allowed the customer to activate up to 16 wavelengths between adjacent Service Node locations. The Dual Bay arrangement allowed the customer to activate up to 32 wavelengths between adjacent Service Node locations. The quantity of activated wavelengths is dependent upon a customer's application of Unprotected, Client Protected and/or Optical Network Protected Wavelength Channels. Optical Network Protected Wavelength Channels are available for transport between two (2) customer premise Service Node locations on a Dedicated Ring Arrangement or for transport between a customer premise Service Node location and a Company serving wire center Service Node where they may only connect to another BellSouth Wavelength service Dedicated Ring Arrangement. (T)
- E. Effective December 31, 2007, Dual Bay service components are obsoleted. Also, Primary System - Single Bay and Expansion System – Single Bay service components are being reclassified as Primary System and Expansion System, respectively. With this reclassification, a BellSouth Wavelength service Dedicated Ring Arrangement installed on or after December 31, 2007, will have the capability for a customer to activate wavelengths between adjacent Service Node locations via a Primary System and Expansion Systems. The quantity of wavelengths that may be activated is as described in Technical Reference TP 73630 BT. This quantity of activated wavelengths is dependent upon a customer's application of Unprotected, Client Protected and/or Optical Network Protected Wavelength Channels. Optical Network Protected Wavelength Channels are available for transport between two (2) customer premise Service Node locations on a Dedicated Ring Arrangement or for transport between a customer premise Service Node location and a Company serving wire center Service Node where they may only connect to another BellSouth Wavelength service Dedicated Ring Arrangement.
- F. Prior to December 31, 2007, wavelengths are activated at Service Node locations on a BellSouth Wavelength service Dedicated Ring Arrangement Dual Bay arrangement via Primary System - Dual Bay and Expansion System - Dual Bay service components. Two Primary System – Dual Bay service components apply per Service Node location in the dual bay configuration and have the capability to activate up to 8 east and west wavelengths leaving a Service Node location. Once the capability of the Primary System - Dual Bay service components are utilized, in order to activate additional wavelengths, Expansion System – Dual Bay service components are required at each Service Node location on the ring. A Dual Bay Expansion System is comprised of two (2) Expansion System – Dual Bay service components per Service Node location on a ring and provides the capability to activate up to 8 east and west leaving a Service Node location. Three (3) Dual Bay Expansion Systems may be added to Primary System - Dual Bay service components to provide the total capability of a Dual Bay service configuration.
- G. Effective December 31, 2007, with the reclassification of Single Bay service components as described above, wavelengths are activated at Service Node locations on a BellSouth Wavelength service Dedicated Ring Arrangement via Primary System and Expansion System service components. The Primary System service component applies at each Service Node location on a customer's ring, and provides the capability to activate up to 8 wavelengths east and west leaving a Service Node location. The Expansion System service component provides the capability to activate up to 8 east and west wavelengths leaving a Service Node location. The quantity of Expansion Systems that are available for use with a Primary System at a Node Location, are as described in Technical Reference TR 73630 BT.

B109. OBSOLETE SERVICE OFFERINGS - OPTICAL NETWORK SERVICE

B109.1 BellSouth Wavelength Service (Dedicated Ring Arrangement) (Cont'd)

B109.1.3 Rates and Charges (Cont'd)

B. BellSouth Wavelength service Dedicated Ring Arrangement (Cont'd)

3. Wavelength Channel (Cont'd)

	Nonrecurring Charge	Month to Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC
(p) Per 1.25 Gbps Transparent Transport Optical Network Protected ¹	\$2,000.00	\$5,916.00	\$4,548.00	\$3,953.00	\$3,400.00	W32DB
(q) Per 2.5 Gbps Transparent Transport Optical Network Protected ¹	2,500.00	10,557.00	8,118.00	7,055.00	6,137.00	W32DD
(r) Per 10 Gbps WAN Wavelength Transport Optical Network Protected ¹	3,000.00	19,873.00	15,283.00	13,294.00	11,560.00	W32DF
(s) Per 10 Gbps LAN Wavelength Transport Optical Network Protected ¹	3,000.00	19,873.00	15,283.00	13,294.00	11,560.00	W32DH
(t) Per OC-3 Wavelength Transport Optical Network Protected ¹	2,000.00	5,160.00	3,434.00	2,992.00	2,601.00	W32DK
(u) Per OC-12 Wavelength Transport Optical Network Protected ¹	2,000.00	5,916.00	4,548.00	3,953.00	3,400.00	W32DM
(v) Per OC-48 Wavelength Transport Optical Network Protected ¹	2,500.00	10,557.00	8,118.00	7,055.00	6,137.00	W32DO
(w) Per OC-192 Wavelength Transport Optical Network Protected ¹	3,000.00	19,873.00	15,283.00	13,294.00	11,560.00	W32DQ
(x) Per Gigabit Ethernet at 1 Gbps Wavelength Transport Optical Network Protected ¹	2,000.00	5,296.00	4,072.00	3,545.00	3,060.00	W32DS
(y) Per Fibre Channel 100 Wavelength Transport Optical Network Protected ¹	2,000.00	5,296.00	4,072.00	3,545.00	3,060.00	W32DU
(z) Per Fibre Channel 200 Wavelength Transport Optical Network Protected ¹	2,500.00	9,503.00	7,310.00	6,358.00	5,525.00	W32DW
(aa) Per Fast Ethernet at 100 Mbps Wavelength Transport Optical Network Protected ¹	2,000.00	2,882.00	2,219.00	1,930.00	1,683.00	W32DY
(ab) Per Fibre Connection™ Channel Wavelength Transport Optical Network Protected ¹	2,000.00	5,296.00	4,072.00	3,545.00	3,060.00	W32D1
(ac) Per Fibre Connection™ Express Channel Wavelength Transport Optical Network Protected ¹	2,500.00	9,503.00	7,310.00	6,358.00	5,525.00	W32D3
(ad) Per Enterprise System Connection™ - SBCON Channel Wavelength Transport Optical Network Protected ¹	2,000.00	2,992.00	2,304.00	1,998.00	1,743.00	W32D5

4. Amplification

(a) Optical Signal Amplification Node, Per Node	2,000.00	3,440.00	2,645.00	2,300.00	2,000.00	W32RE
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C. BellSouth Wavelength service Client Protection

Rearrangement Charge

(a) Client Protection Rearrangement Charge Subsequent to initial installation	1,500.00	-	-	-	-	CPROT
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Note 1: Optical Network Protected Wavelength Channels are available for transport between two (2) customer premise Service Node locations on a Dedicated Ring Arrangement or for transport between a customer premise Service Node location and a Company serving wire center Service Node where they may connect to another BellSouth Wavelength service Dedicated Ring Arrangement or to BellSouth Wavelength service Basic Arrangement Unprotected wavelength channels that are not configured with Channel Network Protection. (T)

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TITLE PAGE

PRIVATE LINE GUIDEBOOK FOR THE STATE OF KENTUCKY

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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 or condition</i>	(T)
(D)	to signify discontinued rate, <i>term, condition</i> or text	(T)
(I)	to signify increase	
(M)	to signify a move from one page to another with no change to text, <i>term or condition</i>	(T)
(N)	to signify new rate and/or new <i>term, condition</i> , and/or new text	(T)
(O)	to signify obsoleted rate, <i>term, condition</i> or text	(T)
(R)	to signify reduction	
(T)	to signify a change in text but no change in rate, <i>term or condition</i>	(T)

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