

**TARIFF DISTRIBUTION**

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**B100. OBSOLETE SERVICE OFFERINGS**

**B100.1 General (Cont'd)**

A. (Cont'd)

Type of Obsolescence	Effect on Existing Customers	Effect on New Customer Requests	Status of Equipment in this Category
Type 4	Any other arrangement; specific provisions in each case being stated at the beginning of the text for the obsolete service offering affected.		

- B. Obsolete services are furnished subject to all *terms and conditions* of the *Guidebook* the same as would be applicable if the service offering were not obsolete. For convenience in use, a *Guidebook* Reference is provided as an aid in referring the reader to a specific section of the *Guidebook* having a bearing on the obsolete service offering. (T)

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**B102. OBSOLETE SERVICE OFFERINGS - *TERMS AND CONDITIONS***

(T)

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**B102. OBSOLETE SERVICE OFFERINGS – *TERMS AND CONDITIONS***

(T)

**B102.1 Undertaking of the Company**

**B102.1.1 Reserved for Future Use**

**B102.1.2 Reserved for Future Use**

**B102.1.3 Reserved for Future Use**

**B102.1.4 Reserved for Future Use**

**B102.1.5 Reserved for Future Use**

**B102.1.6 Reserved for Future Use**

**B102.1.7 Reserved for Future Use**

**B102.1.8 (DELETED)**

(D)

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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 6000 or 10000 channels.
- 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. (T)
- 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. (T)
- 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* (T)
  - 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)**

#### **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)**

**B103.2.6 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

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

**B103.3 Classification and Rates - Interexchange - IntraLATA**

**B103.3.1 Series 1000 Channels**

(Obsoleted 5-13-85, Type 3)

**A. Terms and Conditions**

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.

(T)

**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

### B103.5 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 (Cont'd)**

3. (Cont'd)

b. Series 2100

(1) Per Service Configuration

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

**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:

	<b>C-Notched Noise (with a-13dBm0 1000 Hertz Test Signal)</b>	<b>2nd Order Distortion</b>	<b>3rd Order Distortion</b>
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)

**B104. OBSOLETE SERVICE OFFERINGS - EQUIPMENT**

**B104.1 Voice Communicating Equipment**

**B104.1.1 Signaling**

- A. Automatic Ringing Arrangement  
(Obsolete 03-10-90, Type 3).
  - 1. To transmit one nonrecurring two second signal

	<b>Installation Charge</b>	<b>Monthly Rate</b>	<b>USOC</b>
(a) Per station equipped	<b>\$13.80</b>	<b>\$8.05</b>	<b>27M</b>

**B104.1.2 Connecting Equipment**

- A. Except as otherwise provided in B2.6.4, installations of new connecting arrangements will not be made for connection of terminal equipment, for connection of communications systems, and for equipment-to-equipment connections. Treatment with respect to grandfathered installations which include such connecting arrangements is covered in B2.6.3.B. (T)
- B. Voice Connecting Arrangements<sup>1</sup>  
(Obsoleted 03-10-90, Type 4) not available for new installations or additions of new equipment to existing systems.

- 1. Automatic  
For connection of a communications systems arranged for dial or automatic signaling, to a private line which terminates at the distant end as a trunk in a PBX or Centrex Type Services arranged for dial or automatic signaling or
  - (a) For connection of a communications system to a common control switching arrangement access line. **42.55**      **7.19**      **CDQ++**  
The above automatic connecting arrangement also provides for the network control signaling functions<sup>2</sup>

**B104.1.3 Switching Arrangements**

- A. Interexchange Channel  
(Obsoleted 03-10-90, Type 3)  
Interexchange channel switching arrangements are provided to permit the customer to connect two or more separate private lines so as to form through connections over the private lines where such switching arrangements and through connections are necessary to meet the customer's communication requirements.  
These charges contemplate the provision of satisfactory transmission for connections over various combinations of the private line network where not more than the specified number of switching arrangements are employed in establishing a given connection.

**Note 1:** Where a data access arrangement is furnished in connection with terminal equipment and such terminal equipment is used for both voice and data communications, the data access arrangement may be used to connect the equipment for voice communications.

**Note 2:** No charge applies when voice connecting arrangement is installed or moved at the same time as the terminal with which it is associated.

## B104. OBSOLETE SERVICE OFFERINGS - EQUIPMENT

### B104.2 Data Communicating Equipment

#### B104.2.1 Data Access Arrangements

(Obsoleted 7-14-80, Type 4 - Not available for new installations, except with services exempted from the F.C.C. Registration Program (i.e., Party Line Service and Semi-Public Coin Service, see A15.1.8). Reconnection subject to *terms and conditions* in A15.1.3.B.) (T)

**A. General**

1. Except as otherwise provided in B2.6.4, installations of new connecting arrangements will not be made for connection of terminal equipment, for connection of communications systems, and for equipment-to-equipment connections. Treatment with respect to grandfathered installations which include such connecting arrangements is covered in B2.6.3.B. (T)

**B. Arrangements**

1. For connection of data terminal equipment or data communications systems

	Installation Charge	Monthly Rate	USOC
(a) Basic arrangement for manual operations, each <sup>1,2</sup>	<b>\$8.05</b>	<b>\$17.94</b>	<b>CDT</b>
2. Arrangement for unattended sending and receiving through a voltage type control interface			
(a) Each <sup>3</sup>	<b>16.10</b>	<b>21.10</b>	<b>CBS++</b>
3. Arrangement for unattended sending and receiving through a contact closure type control interface			
(a) Each <sup>3</sup>	<b>16.10</b>	<b>18.75</b>	<b>CBT++</b>
(b) Power supply for use with contact closure type interface when not supplied by subscriber <sup>4</sup>	<b>8.05</b>	<b>3.74</b>	<b>CBV</b>

**Note 1:** Where a data access arrangement is furnished in connection with customer-provided terminal equipment and such terminal equipment is used for both voice and data communications, the data access arrangement may be used to connect the customer-provided equipment for voice communication.

**Note 2:** No charge applies when data access arrangement is installed or moved at the same time as the terminal with which it is associated.

**Note 3:** Installation charge does not apply when installed at the same time as the channel with which it is associated.

**Note 4:** Installation charge does not apply when installed at the same time as the connecting arrangement with which the power supply is associated.

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## B107. OBSOLETE SERVICE OFFERING - DIGITAL NETWORK SERVICE

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**B107. OBSOLETE SERVICE OFFERINGS - DIGITAL NETWORK SERVICE**

**B107.1 MegaLink Service**

Except as specified in B107.1.1 and B107.1.2 following, terms and conditions located in B7.1 are applicable.

**B107.1.1 Terms and Conditions**

(T)

**A. Application of Rates**

(Obsoleted 1/2/2002, Type 4) Not available for new installations or moves of service to a different premises. Customers may request service rearrangement at the same premises.

1. For orders completed prior to 1/2/2002, Digital Local Channels furnished between the customer's premises and its normal Serving Wire Center will be charged at rates specified in B107.1.2 following.

**B107.1.2 Rates and Charges**

**A. A Digital Local Channel is furnished between the customer's premises and its normal Serving Wire Center.**

1. Digital Local Channel, each<sup>1</sup>

	<b>Nonrecurring</b>	<b>24 to-48</b>	<b>49 to-72</b>	<b>73 to-96</b>	
	<b>Charge</b>	<b>Months</b>	<b>Months</b>	<b>Months</b>	<b>USOC</b>
(a) First 1/2 mile	<b>\$300.00</b>	<b>\$81.00</b>	<b>\$81.00</b>	<b>\$81.00</b>	<b>1LDPZ</b>

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

**B107. OBSOLETE SERVICE OFFERINGS - DIGITAL NETWORK SERVICE**

**B107.3 Reserved for Future Use**

**B107.4 LightGate Service**

**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 2**

(Obsoleted 10/27/01, Type D) Not available for new installations or moves of service to a different premises. New channel activations must be ordered under section B7.4.5. No termination liability charge will be applicable for an existing customer under a CSPP arrangement who converts to rates in section 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 section B7.4.5. Any new features added at the time of conversion will incur standard nonrecurring charges as stated in section B7.4.5. (T)

This service provides extended service capability of multiples of DS3 data rates to the customer. Essentially, it provides three times the potential capacity of LightGate 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.

**B107.4.4 Rates and Charges<sup>1</sup>**

(Obsoleted 10/27/01, Type D) Not available for new installations or moves of service to a different premises. New channel activations must be ordered under section B7.4.5. No termination liability charge will be applicable for an existing customer under a CSPP arrangement who converts to rates in section 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 section B7.4.5. Any new features added at the time of conversion will incur standard nonrecurring charges as stated in section B7.4.5. (T)

A. Basic LightGate Service

1. LightGate 1 System (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 (C.O.) and customer premises, as contained in (2) and (3) following. Mileage charges are as contained in B. following. Channelization for individual analog and digital services is contained under MegaLink channel service in section B7.3. (T)

(1) LightGate 1 Basic System<sup>2</sup>

		<b>Month</b>	<b>24 to</b>	<b>49 to</b>	<b>73 to</b>		
		<b>To</b>	<b>48</b>	<b>72</b>	<b>96</b>		
		<b>Month</b>	<b>Months</b>	<b>Months</b>	<b>Months</b>	<b>USOC</b>	
(a)	Per System	<b>\$3,000.00</b>	<b>\$2,800.00</b>	<b>\$2,300.00</b>	<b>\$2,200.00</b>	<b>\$2,100.00</b>	<b>HFQ4+</b>

**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.



**B107. OBSOLETE SERVICE OFFERINGS - DIGITAL NETWORK SERVICE**

**B107.4 LightGate Service (Cont'd)**

**B107.4.4 Rates and Charges<sup>1</sup> (Cont'd)**

**A. Basic LightGate Service (Cont'd)**

**1. LightGate 1 System (One DS3 Capacity) (Cont'd)**

**a. (Cont'd)**

**(2) Electrical Interface Equipment - Central Office**

	<b>Nonrecurring Charge</b>	<b>Month To Month</b>	<b>24 to 48 Months</b>	<b>49 to 72 Months</b>	<b>73 to 96 Months</b>	<b>USOC</b>
(a) Per DS3 <sup>2</sup>	<b>550.00</b>	<b>86.00</b>	<b>66.00</b>	<b>66.00</b>	<b>66.00</b>	<b>FQA4X</b>
(b) Per DS1 <sup>3</sup>	<b>150.00</b>	<b>14.00</b>	<b>10.00</b>	<b>10.00</b>	<b>10.00</b>	<b>FQA1X</b>

**(3) Electrical Interface Equipment - Customer Premises**

(a) Per DS3	<b>\$550.00</b>	<b>\$98.00</b>	<b>\$75.00</b>	<b>\$75.00</b>	<b>\$75.00</b>	<b>FQB4X</b>
(b) Per DS1 <sup>3</sup>	<b>250.00</b>	<b>17.00</b>	<b>13.00</b>	<b>13.00</b>	<b>13.00</b>	<b>FQB1X</b>

**2. LightGate 2 System (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) following. 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) following. Mileage charges are as contained in B. following. Channelization for individual analog and digital services is under MegaLink channel service in section B7.3. (T)

**(1) LightGate 2 Basic System<sup>4</sup>**

	<b>Nonrecurring Charge</b>	<b>Month To Month</b>	<b>24 to 48 Months</b>	<b>49 to 72 Months</b>	<b>73 to 96 Months</b>	<b>USOC</b>
(a) Per System	<b>3,000.00</b>	<b>3,700.00</b>	<b>3,100.00</b>	<b>3,000.00</b>	<b>2,900.00</b>	<b>HFQ5+</b>
(b) Per DS3 Electrical Interface <sup>5</sup>	<b>1,100.00</b>	<b>106.00</b>	<b>80.00</b>	<b>80.00</b>	<b>80.00</b>	<b>FQD4X</b>

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

**Note 2:** 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 System serving central office to a remote central office, a DS3/DS1 multiplexer may be ordered at the remote C.O. by a customer to derive DS1 channel levels at rates contained in 2. following.

**Note 3:** 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

**Note 4:** Month to month rates are only available at the end of a contract rate period

**Note 5:** This includes both C.O. and customer premises equipment. Each LightGate 2 System can support a maximum of three DS3 signals.

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## B107. OBSOLETE SERVICE OFFERINGS - DIGITAL NETWORK SERVICE

### B107.5 MegaLink ISDN Service

(Obsoleted 10-29-96, 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.

#### B107.5.1 General

- A. MegaLink ISDN service is an intraLATA group of offerings supported by the Integrated Services Digital Network (ISDN) architecture.
- 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 plus or minus 23 B channels. These B 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).
- 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.
- 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. 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.
- 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.
- C. Digital transmission rates at speeds less than those indicated may be accomplished as a function of the particular CPE furnished by the user.
- D. Suspension of service is not allowed.
- 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)

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## B107. OBSOLETE SERVICE OFFERINGS - DIGITAL NETWORK SERVICE

### B107.5 MegaLink ISDN Service (Cont'd)

#### B107.5.2 Terms and Conditions (Cont'd)

- G. Minimum subscription period for which month-to-month Primary Rate 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.
- I. Local exchange services utilizing the MegaLink ISDN service Primary Rate Interface are available with either Network Access Service (NAS) or Network Access Register (NAR) Packages located in Section 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.
- L. Upgrades, from a MegaLink service and/or a MegaLink channel service contract arrangement, are permitted with no Termination Liability when:
  - 1. A new contract is selected for the MegaLink ISDN service equal to or greater than the arrangement being terminated, and
  - 2. The service orders to disconnect 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.
- 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 and where switch capacity exists. When NFAS is selected, the customer will order one MegaLink ISDN service arrangement with 23 B channels and 1 D channel. Additional MegaLink ISDN service arrangements are ordered with 24 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.
- 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.

#### 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.

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## **B107. OBSOLETE SERVICE OFFERINGS - DIGITAL NETWORK SERVICE**

### **B107.5 MegaLink ISDN Service (Cont'd)**

#### **B107.5.3 Definitions (Cont'd)**

##### 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.
- B.** Interoffice Channels furnished between central offices will be charged at rates based on airline distance between the central offices.
- 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.
- 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.
- 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.

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## 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 Access 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.
- B. The required components for MegaLink ISDN service will be as follows:
- 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).
  2. Interoffice Channels - will provide for the transmission facilities between Company serving wire centers within a LATA.
  3. Primary Rate Interface - provides multiplexing to support up to twenty-three B channels at 64 Kbps and one D channel for signaling also at 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.
  4. Primary Rate B Channels - will provide circuit switched service that will allow either voice or data transmission at up to 64 Kbps.
    - a. Monthly rates for Primary Rate B Channels will depend on the associated local exchange service option selected by the customer. Options available are as follows:
 

Usage Sensitive Billing - for customers selecting usage sensitive billing (i.e. measured service) 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), message rate Network Access Register (NAR) Package, or Sharing and Resale of Basic Local Exchange Service rates and charges found in Section A3. of the General *Exchange Guidebook* for ISDN and non-ISDN facilities terminated at the same premises. Primary rate B channels associated with this option are designated as usage sensitive 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 Section A3. 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. (T)
    - 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.

**B107. OBSOLETE SERVICE OFFERINGS - DIGITAL NETWORK SERVICE**

**B107.5 MegaLink ISDN Service (Cont'd)**

**B107.5.5 Service Components (Cont'd)**

- B. The required components for MegaLink ISDN service will be as follows: (Cont'd)
  - 5. Call-by-Call/Integrated Service Access Feature Capability - This feature will allow the customer to dynamically allocate the use of channels for 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.
  - 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 through the use of Network Access Registers or Network Access Service found in Section 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. Calling Number Delivery Blocking is available to customers at no charge.

**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 Service 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)
- B. A MegaLink ISDN Primary Rate Access Line is furnished between a Serving Wire Center and the customer's premises. Rates are based on the airline distance between the Serving Wire Center and the customer's premises.
  - 1. Primary Rate Access Line, each

	Nonrecurring Charge	Month To Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC
(a) First 1/2 mile	\$300.00	\$118.08	\$81.00	\$81.00	\$81.00	1LDN1
(b) Each additional 1/2 mile, or fraction thereof	-	50.40	34.00	32.00	30.00	1LDNA
(c) Connection for existing customer facilities	-	-	-	-	-	1LDNF

- C. Interoffice Channels furnished between central offices. Rates are based on the airline distance.<sup>1</sup>

1. Interoffice Channel, each channel 0 - 8 miles						
(a) Fixed Monthly rate	100.00	129.60	85.00	85.00	85.00	1LNF8
(b) Each airline mile, or fraction thereof	-	40.32	24.00	22.00	20.00	1LNN8
2. Interoffice Channel, each channel 9 - 25 miles						
(a) Fixed Monthly rate	100.00	129.60	85.00	85.00	85.00	1LNF9
(b) Each airline mile, or fraction thereof	-	37.44	22.00	20.00	18.00	1LNN9
3. Interoffice Channel, each channel over 25 miles						
(a) Fixed Monthly rate	100.00	129.60	85.00	85.00	85.00	1LNF5
(b) Each airline mile, or fraction thereof	-	34.56	20.00	18.00	16.00	1LNN5

**Note 1:** Refer to B3.3.3 for mileage measurement methodology.

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## 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 specified fixed payment period according to the terms and conditions specified herein. (T)

The services included in a Custom Network Service Arrangement are subject to the general *terms and conditions* stated elsewhere in standard Company guidebooks applicable to those services, except where specified otherwise in a Custom Network Service Arrangement. (T)

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 SynchroNet service (may be referred to herein as digital data service) and FlexServ service. MegaLink service is available in Custom Network Service Arrangement I as an optional service.

This arrangement will provide the *terms, conditions*, rates and charges to allow the provisioning of the data network for the specified payment period. *Terms and conditions*, rates and charges provided in Custom Network Service Arrangement I apply to services provided in *Company* serving area within Georgia (herein referred to as the Company) and all participating Independent Company territories. Service provided in non-participating Independent Company territories will be provided under the *terms, conditions*, rates and charges provided in the standard guidebook sections for the services included in Custom Network Service Arrangement I. (T)

The digital data service provided in Custom Network Service Arrangement I 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)

Unless specified following, the *terms and conditions* for MegaLink service specified in B7.1 preceding apply in addition to the *terms and conditions* set forth herein for Custom Network Service Arrangement I. (T)

Certain features of FlexServ service are provided within Custom Network Service Arrangement I and are subject to the *terms and conditions* in the General Exchange Guidebook which apply to FlexServ service from Section A32., except where stated otherwise herein. Other components of FlexServ service are required in order to provide FlexServ service capability for this data network and will be provided from Section A32. (T)

#### **B108.2.2 Terms and Conditions**

- A. Custom Network Service Arrangement I is provided under a fixed five (5) year payment period and shall be administered in accordance with the *terms and conditions* contained in the Channel Services Payment Plan, B2.4.9.B., except as follows: (T)
1. The customer has the following options for service following the expiration of the five year payment period:
    - a. The customer may elect to enter into a new Custom Network Service Arrangement I payment agreement at the rates in effect herein for new customers at the time his contract service expires.
    - b. The customer may elect that his network service revert back to the generally available SynchroNet service and MegaLink service rates in Section B7. and FlexServ service rates in Section A32. that are in effect at the time his contract service expires.



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**B108. OBSOLETE SERVICE OFFERINGS - CUSTOM NETWORK SERVICE****B108.2 Custom Network Service Arrangement I (Cont'd)****B108.2.2 Terms and Conditions (Cont'd)**

(T)

**A.** (Cont'd)**1.** (Cont'd)

- 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. preceding, 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 and MegaLink service from Section B7. and FlexServ service from Section A32. until notified otherwise by the customer.

- 2. The initial order for Custom Network Service Arrangement I must be for a data network with a minimum of 1000 digital data local channels to be located in the Company serving area in Georgia. The network size must grow to a minimum of 2000 digital data local channels located in the Company serving area by the first anniversary (12 months) date of the signing of the payment agreement for Custom Network Service Arrangement I and grow to a minimum of 3000 digital local channels located in the Company serving area by the second anniversary; this 3000 digital data local channel minimum shall apply for the remainder of the five year payment period. The network size 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 is to determine if the appropriate data network minimum size has been met and is being maintained and to make any billing adjustments if the size is below the stated minimum.

- a. If the count of local channels is the appropriate minimum or greater 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 appropriate 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 SynchroNet service annual adjustment charge and is not subject to the Deferred Payment option provided in B2.4.9.B.

The calculation to determine this annual adjustment charge takes into account a customer's inward and outward movement that may have occurred for purposes of recovering revenue due for the shortfall in the minimum local channel count.

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

- (1) The customer shall pay the equivalent of the monthly rate for a 2.4 Kbps digital local channel provided within their Custom Network Service Arrangement I times the difference between the aggregate local channel count on the anniversary date and the appropriate local channel minimum times 6 months.

- 3. The data network provided under Custom Network Service Arrangement I must include FlexServ service capabilities. The customer's network must contain a minimum of 2000 DS0 SynchroNet service Channel Connections and 2000 Multipoint Junction Units by the end of the first year. The customer shall estimate his projected quantities of DS0 Channel Connections and Multipoint Junction Units that will be in service by the end of the first year of this payment period agreement, and that count shall be utilized to establish the appropriate rating for the first year.

An actual count of these FlexServ service quantities shall be made on each anniversary date of the signing of the Custom Network Service Arrangement I payment period agreement; applicable rates for the next year shall be based upon that count if the FlexServ service network minimums have been met.

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## B108. OBSOLETE SERVICE OFFERINGS - CUSTOM NETWORK SERVICE

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

#### B108.2.2 Terms and Conditions (Cont'd)

(T)

##### A. (Cont'd)

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

If the count of the DS0 Channel Connections or the Multipoint Junction Units is less than the 2000 minimum on any anniversary date, the FlexServ service network minimum has not been met. The billing for the following year shall be from the "2000 - 2999" rate band and a one-time charge shall apply to adjust the billing for the prior year. This charge shall be referred to as the FlexServ service annual adjustment charge and is calculated as follows to be imputed as a one-time charge.

- (1) The customer shall pay the monthly rate for the DS0 Channel Connection or Multipoint Junction Unit (as appropriate from the "2000 - 2999" rate band provided within their Custom Network Service Arrangement I), times the difference between the actual count and the 2000 minimum, times 6 months.

4. The data network provided under Custom Network Service Arrangement I may include any quantity of MegaLink service in the provisioning of this intraLATA network at the rates and charges provided in B108.2.3 following.

5. The disconnect or moves<sup>1</sup> of individual local and/or interoffice channels, node channel terminations and/or associated optional features 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 6. following) 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 I, times the number of months remaining in the payment period, times the quantities of all service in place at the time of disconnect - with the minimum quantity of 3000 SynchroNet service local channels,<sup>2</sup> 2000 FlexServ service DS0 SynchroNet service Channel Connections and 2000 FlexServ service Multipoint Junction Units to be used if the actual number at the time of disconnect is less than these network minimums.

6. A Termination Liability Charge as specified in 5. preceding shall apply for the complete disconnect of Custom Network Service Arrangement I unless both of the following conditions are met: (1) the disconnect occurs after Custom Network Service Arrangement I has been in-place for a minimum of 12 months and (2) if the customer elects another Custom Network Service Arrangement for a period of time equal to or greater than the amount of time remaining in his Custom Network Service Arrangement I payment period. If these conditions are met, no Termination Liability Charge shall apply.

**Note 1:** Appropriate nonrecurring charges apply for the installation of the moved service at the new location.

**Note 2:** If the disconnect occurs prior to the second anniversary of the signing of the payment period agreement, the appropriate minimum for SynchroNet service local channels is 2000.

**B108. OBSOLETE SERVICE OFFERINGS - CUSTOM NETWORK SERVICE**

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

**B108.2.3 Rates and Charges (Cont'd)**

- C. FlexServ service<sup>1</sup> (Cont'd)
  - 2. Multipoint Junction Unit, per channel connection<sup>2</sup>

	<b>Installation Charge</b>	<b>Monthly Rate</b>	<b>USOC</b>
(a) 2000 - 2999	<b>\$11.50</b>	<b>\$3.50</b>	<b>FSSFJ</b>
(b) 3000 - 3999	<b>9.75</b>	<b>3.00</b>	<b>FSSFJ</b>
(c) 4000 and above	<b>8.00</b>	<b>2.50</b>	<b>FSSFJ</b>

**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 very large data network composed of SynchroNet service (may be referred to herein as digital data service) and FlexServ service. MegaLink service is available in Custom Network Service Arrangement II as an optional service.

This arrangement will provide the *terms and conditions*, rates and charges to allow the provisioning of the data network for the specified payment period. *Terms and conditions*, rates and charges provided in Custom Network Service Arrangement II apply to services provided in *Company* serving area within Georgia (herein referred to as the Company) and all participating Independent Company territories. Service provided in non-participating Independent Company territories will be provided under the *terms and conditions*, rates and charges provided in the standard guidebook sections for the services included in Custom Network Service Arrangement II. (T)

The digital data service provided in Custom Network 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)

Unless specified following, the *terms and conditions* for MegaLink service specified in B7.1 preceding apply in addition to the *terms and conditions* set forth herein for Custom Network Service Arrangement II. (T)

Certain features of FlexServ service are provided within Custom Network Service Arrangement II and are subject to the *terms and conditions* in the General Exchange Guidebook which apply to FlexServ service from Section A32, except where stated otherwise herein. Other components of FlexServ service are required in order to provide FlexServ service capability for this data network and will be provided from Section A32. (T)

Customers subscribing to Custom Network Service Arrangement I may request to subscribe to Custom Network Service Arrangement II after completing a minimum of one year (twelve months) of their Custom Network Service Arrangement I service period agreement if their network size equals or exceeds all the network minimums established herein for Custom Network Service Arrangement II (i.e., 5000 digital data local channels, 5000 FlexServ Channel Connections and 7000 FlexServ Multipoint Junction Unit Connections). The customer shall receive previous service credit for the full months completed under Custom Network Service Arrangement I that shall be used to reduce the ten year payment period for Custom Network Service Arrangement II.

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

**Note 2:** One unit contains 5 connections so must purchase in groups of 5.

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## B108. OBSOLETE SERVICE OFFERINGS - CUSTOM NETWORK SERVICE

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

(T)

#### B108.3.2 Terms and Conditions

(T)

A. Custom Network Service Arrangement II is provided under a fixed ten (10) year payment period subject to review and recalculation set forth in B108.3.2.A.8. herein and shall be administered in accordance with the *terms and conditions* contained in the Channel Services Payment Plan, B2.4.9.B., except as follows:

(T)

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 II payment agreement at the rates in effect herein for new customers at the time his contract services expires.
  - b. The customer may elect that his network service revert back to the generally available SynchroNet service and MegaLink service rates in Section B7. and FlexServ service rates in Section A32. 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. preceding, 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 and MegaLink service from Section B7. and FlexServ service from Section A32. until notified otherwise by the customer.

2. The minimum size for a data network under Custom Network Service Arrangement II shall be 5000 digital data local channels to be located in the Company serving area in Georgia. Except as specified in B108.3.1 preceding for a Custom Network Service Arrangement I customer converting to Custom Network Service Arrangement II, a customer's data network may be less than the 5000 local channel minimum size upon electing to subscribe to Custom Network Service Arrangement II, however, the network size must grow to the 5000 digital data local channel minimum by the first anniversary (12 months) date of the signing of the payment agreement for Custom Network Service Arrangement II.

The size of the data network shall remain a minimum of 5000 digital data local channels for the ten year payment period. The network size 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 is to determine if the data network minimum size has been met and is being maintained and to make any billing adjustments if the size is below the stated minimum.

- a. If the count of digital local channels is 5000 or greater on the anniversary date, the network minimum has been met and no billing adjustment is required.
- b. If the count of digital data local channels is less than 5000 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 calculation to determine this annual adjustment charge takes into account a customer's inward and outward movement that may have occurred for purposes of recovering revenue due for the shortfall in the minimum local channel count.

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

- (1) The customer shall pay the equivalent of the monthly rate for a 2.4 Kbps digital data local channel provided within their Custom Network Service Arrangement II times the difference between the actual local channel count on the anniversary date and the 5000 local channel minimum times 6 months.

## B108. OBSOLETE SERVICE OFFERINGS - CUSTOM NETWORK SERVICE

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

#### B108.3.2 Terms and Conditions (Cont'd)

(T)

##### A. (Cont'd)

3. The data network provided under Custom Network Service Arrangement II must include FlexServ service capabilities. The customer's network must contain a minimum of 5000 DS0 Channel Connections and 7000 Multipoint Junction Unit Connections. Except as specified in B108.3.1 preceding for a Custom Network Service Arrangement I customer converting to Custom Network Service Arrangement II, a customer's data network may be less than the 5000 DS0 Channel Connection and 7000 Multipoint Junction Unit Connection minimum size upon electing to subscribe to Custom Network Service Arrangement II, however, the network size must grow to reach or exceed each minimum quantity by the first anniversary (12 months) date of the signing of the payment agreement for Custom Network Service Arrangement II.

The size of the data network shall remain a minimum of 5000 DS0 Channel Connections and 7000 Multipoint Junction Unit Connections for the ten year payment period. The network size 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 is to determine if the data network minimum size has been met and is being maintained and to make any billing adjustments if the size is below the stated minimum.

- a. If the count of DS0 Channel Connections is 5000 or greater on the anniversary date and the count of Multipoint Junction Unit Connections is 7000 or greater on the anniversary date, the network minimums have been met and no billing adjustment is required.
- b. If the count of the DS0 Channel Connections is less than the network minimum of 5000 on the anniversary date and/or the count of the Multipoint Junction Unit Connections is less than the network minimum of 7000 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 calculation to determine this annual adjustment charge takes into account a customer's inward and outward movement that may have occurred for purposes of recovering revenue due for the shortfall in the network size minimums.

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

- (1) The customer shall pay the equivalent of the monthly rate for a DS0 Channel Connection provided within their Custom Network Service Arrangement II times the difference between the actual DS0 Channel Connection count on the anniversary date and the 5000 DS0 Channel Connection minimum times 6 months<sup>1</sup>, plus, the equivalent of the monthly rate for a Multipoint Junction Unit Connection provided within their Custom Network Service Arrangement II times the difference between the actual Multipoint Junction Unit Connection count on the anniversary date and the 7000 Multipoint Junction Unit Connection minimum times 6 months<sup>1</sup>.
4. The data network provided under Custom Network Service Arrangement II may include any quantity of MegaLink service in the provisioning of this intraLATA network at the rates and charges provided in B108.3.3 following.
5. The disconnect or moves<sup>2</sup> 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 6. following) 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 all service in place at the time of disconnect - with the minimum quantity of 5000 SynchroNet service local channels, 5000 DS0 Channel Connections and 7000 Multipoint Junction Unit Connections to be used if the actual number at the time of disconnect is less than these network minimums.

**Note 1:** This portion of the annual adjustment charge applies only if the specified network minimum is not met.

**Note 2:** Appropriate nonrecurring charges apply for the installation of the moved service at the new location.

## B108. OBSOLETE SERVICE OFFERINGS - CUSTOM NETWORK SERVICE

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

#### B108.3.2 Terms and Conditions

(T)

##### A. (Cont'd)

6. A Termination Liability Charge as specified in 5. preceding shall apply for the complete disconnect of Custom Network Service Arrangement II except under the following conditions:
  - a. the disconnect occurs after Custom Network Service Arrangement II has been in-place for a minimum of 12 months and 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.
  - b. the disconnect occurs after Custom Network Service Arrangement II has been in-place for a minimum of five years and the customer subscribing to Custom Network Service Arrangement II is using the service to provide the Georgia Lottery or any other type of arrangement where the right to provide the service is dependent upon a bid awarded contract and said customer loses the right to provide the service.

If conditions specified in a. or b. preceding are met, no Termination Liability Charge shall apply.

7. Nonrecurring charges specified in B108.3.3 do not apply for the conversion of service in-place at the time the customer establishes Custom Network Service 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 B108.3.3.
8. A customer may request a special billing arrangement for Custom Network Service Arrangement II service for billing to be performed on a flat rate "per drop" basis. A special billing arrangement for Custom Network Service Arrangement II may be requested after the service has been in place for at least one (1) year and all network minimums have been met. (Custom Network Service Arrangement I networks converting to Custom Network Service Arrangement II may request Custom Network Service Arrangement II billing to commence immediately under such a special billing arrangement. The Custom Network Service Arrangement II "per drop" calculations shall be performed using the customer's most recent in-service information available at the time of the conversion.)

The special billing arrangement shall be developed on an individual case basis for each customer utilizing his specific network's in-service quantities. The flat rate "per drop" shall be calculated using the customer's total monthly billing for Custom Network Service Arrangement II divided by the number of local channels in the network; the resultant "per drop" rate shall then apply per local channel provided in the Custom Network Service Arrangement II network. A flat rate "per drop" nonrecurring charge shall be developed using the same average rate element configuration.

A Custom Network Service Arrangement II network with such a special billing arrangement shall still be subject to the **terms and conditions** set forth in this Guidebook; however, the monthly flat rate "per drop" shall be utilized in the development of any Termination Liability Charges or annual adjustment charges in lieu of the charges specified in 2. and 3. preceding.

(T)

The Custom Network Service Arrangement II shall still be subject to review on each anniversary date as specified in 2. and 3. after a special billing arrangement is provided to make sure that the general terms of Custom Network Service Arrangement II have been met.

At its discretion, the Company may review the customer's network configuration and change the flat rate "per drop" accordingly when major customer-requested rearrangements and changes to the network<sup>1</sup> will result in what the Company determines to be a significant change in the appropriate monthly billing on a "per drop" basis.

**Note 1:** Examples of major customer-requested rearrangements and changes would be (1) changing a significant portion of a predominantly lowspeed network to a highspeed network, (2) changing a significant portion of a predominantly highspeed network to lowspeed, (3) adding or dropping SynchroNet bridging as a major part of the network design, or (4) major network optimization/rerouting at the request of the customer

## **B109. OBSOLETE SERVICE OFFERINGS – OPTICAL NETWORK SERVICE**

### **B109.1 BellSouth Wavelength Service (Dedicated Ring Arrangement)**

(Obsoleted 12-31-07, Type 4; 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 4; 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. (T)

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: (T)

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)

#### B109.1.1 General (Cont'd)

##### D. (Cont'd)

The general description of the Wavelength Channels is as shown below. Detailed transport specifications, capabilities and line rates are described in TR 73630 BT.

- 1.25 Gbps Transparent Transport – provides a fiber based transport interface
- 2.5 Gbps Transparent Transport – provides a fiber based transport interface
- 10G WAN-PHY Wavelength Transport – a version of Ethernet with a WAN-PHY only interface.
- 10G LAN-PHY Wavelength Transport – a version of Ethernet with a LAN-PHY only interface.
- OC-3 Wavelength Transport – provides fiber based synchronous optical full duplex data transmission capability and a transparent data communications channel.
- OC-12 Wavelength Transport – provides fiber based synchronous optical full duplex data transmission capability and a transparent data communications channel.
- OC-48 Wavelength Transport – provides fiber based synchronous optical full duplex data transmission capability and a transparent data communications channel.
- OC-192 Wavelength Transport – provides fiber based synchronous optical full duplex data transmission capability and a transparent data communications channel.
- ESCON™ / SBCON Wavelength Transport – Enterprise Systems Connection / Single Byte command code sets Connection. ESCON is an IBM duplex optical connection used for computer-to-computer data exchange. SBCON is the industry standard equivalent to IBM ESCON.
- FICON™ and FICON™ Express Wavelength Transport – An IBM higher-speed evolution of ESCON™, enabling connectivity among mainframes, storage devices and peripherals.
- Fibre Channel 100 and Fibre Channel 200 Wavelength Transport – An industry standard protocol used to interconnect Storage Area Networks (SANs).
- Fast Ethernet Wavelength Transport – a version of Ethernet.
- Gigabit Ethernet (1 Gbps) Wavelength Transport – a version of Ethernet.

*The Company* will install, test and verify that Wavelength Channels can be carried and transmitted from *Company* network interface to *Company* network interface. BellSouth Wavelength service Wavelength Channels do not provide protocol functionality, they only provide a transport for the protocol. (T)

- E. The compatibility requirements and technical specifications (including Channel Network Protection and Optical Network Protection) for BellSouth Wavelength service are as shown in technical reference TR-73630 BT.
- F. Wavelength Channels with time delay sensitive protocols, as identified in TR 73630 BT, have facility length limitations and may not be available on some BellSouth Wavelength service Dedicated Ring Arrangements, or may not be available between some nodes on certain BellSouth Wavelength service Dedicated Ring Arrangements.
- G. The customer must provide suitable floor space, controlled environment, and source of non-switched suitable power to support this service.
- H. Where the customer provides two separate entrance facility cable routes BellSouth Wavelength service, the primary and alternate facilities will be separate and will enter the customer location, at the initial installation of the service, over such different routes. Request for separate entrance facilities to a customer location, subsequent to installation of the service, shall be accommodated via a Special Construction request.
- I. BellSouth Wavelength service provides physical layer transport only. The Company assumes no responsibility for the signals generated by the customer, for the quality of or defects in such signals, for the reception of signals by the customer, or address signaling, to the extent addressing is performed by the customer. Error detection and correction of data generated by the customer is the customer's responsibility.
- J. Reserved for future use.



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**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 (Dedicated Ring Arrangement) (Cont'd)**

#### **B109.1.2 Application of Rates (Cont'd)**

- H.** Reserved for future use.
- I.** BellSouth Wavelength service Dedicated Ring Arrangement Wavelength Channel rates and charges apply for the wavelengths activated between Service Node locations on the ring.
- J.** The Optical Signal Amplification Node applies per location requiring amplification to meet the services transmission requirements. Optical Signal Amplification Nodes will be specified on the service inquiry and billed accordingly.
- K.** In order to accommodate more flexible customer situations, BellSouth Wavelength service arrangements are available under several payment plans: Month-to-Month, 36 Month Term Payment Plan (24-48 months), 60 Month Term Payment Plan (49-72 months), or 84 Month Term Payment Plan (73-96 months). The month-to-month service arrangement is only available upon completion of a Channel Services Payment Plan agreement. The 36, 60, and 84 Month Term Payment Plans are provided under conditions specified in the Channel Services Payment Plan, (CSPP), B2.4.9 preceding, except as modified following. For all payment plans, the following *terms and conditions* apply: (T)
1. All Primary System and Expansion System rate elements associated with a BellSouth Wavelength service Dedicated Ring Arrangement, whether ordered initially or subsequent to the initial installation, must be provided under the same CSPP payment plan with the same service period and are coterminous upon disconnect of the BellSouth Wavelength service.
  2. The minimum service period for BellSouth Wavelength service components is 24 months.
  3. BellSouth Wavelength service wavelength channels must initially be provided under a CSPP service arrangement. BellSouth Wavelength service wavelength channels associated with a BellSouth Wavelength service Dedicated Ring Arrangement are not required to be under the same CSPP payment plan or service period as their associated BellSouth Wavelength service Dedicated Ring Arrangement
  4. The rates applicable to a month-to-month payment plan are subject to Company initiated changes.
  5. A termination liability charge will be applicable if services provided under a CSPP arrangement are disconnected prior to the end of the chosen service period. The applicable charge is equal to the number of months remaining in the rate stabilized service period times fifty percent (50%) of the monthly rates for BellSouth Wavelength service which include all service components under the CSPP arrangement.
  6. When a service period under an existing CSPP arrangement is completed and a customer elects to revert to a month-to-month payment option, no minimum period is applicable. If the customer does not select a new payment period or does not request discontinuance of service, service will be continued under the terms specified in B2.4.
  7. Each BellSouth Wavelength service Basic Arrangement wavelength channel is an individual standalone payment plan, independent of any other BellSouth Wavelength service payment plan subscribed to by a customer.
  8. Termination liability charges will not apply to BellSouth Wavelength Service under the following circumstances, as long as the total number of nodes does not decrease for an existing customer:
    - Disconnects of channel interfaces associated with BellSouth Wavelength Service
    - Disconnects, moves or rearrangements involving the removal of the following BellSouth Wavelength service rate elements to allow the placement of additional nodes and channels: Primary System, Expansion System or Wavelength Channels
- L.** When Wavelength Channels are setup in a Client Protection arrangement, there is no charge for establishing Client Protection if it is setup at the time the associated Wavelength Channels are activated. If Client Protection is established on Wavelength Channels subsequent to their activation, a Client Protection Rearrangement Charge applies per existing Wavelength Channel configured for Client Protection. This charge would also apply if a customer has Client Protection existing and wants to rearrange the Wavelength Channels associated with the existing Client Protection arrangement. Also, if a customer removes channels from an existing Client Protection arrangement, the Client Protection Rearrangement Charge applies to the Wavelength Channel(s) that are removed from the Client Protection arrangement, unless both the Wavelength Channels are disconnected.

**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)

	<b>Nonrecurring Charge</b>	<b>Month to Month</b>	<b>24 to 48 Months</b>	<b>49 to 72 Months</b>	<b>73 to 96 Months</b>	<b>USOC</b>
(p) Per 1.25 Gbps Transparent Transport Optical Network Protected <sup>1</sup>	\$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 <sup>1</sup>	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 <sup>1</sup>	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 <sup>1</sup>	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 <sup>1</sup>	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 <sup>1</sup>	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 <sup>1</sup>	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 <sup>1</sup>	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 <sup>1</sup>	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 <sup>1</sup>	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 <sup>1</sup>	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 <sup>1</sup>	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 <sup>1</sup>	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 <sup>1</sup>	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 <sup>1</sup>	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)