

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. (T)

B101. OBSOLETE SERVICE OFFERINGS - APPLICATION OF *GUIDEBOOK*

(T)

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B101. OBSOLETE SERVICE OFFERINGS - APPLICATION OF *GUIDEBOOK*

(T)

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 Restoration Priority

(Obsolated 01-15-91) Not offered in connection with new service or changes in existing service on and after 01-15-91. Restoration Priority will remain in this *Guidebook* until March 10, 1993 when it will be removed as a service offering. Restoration Priority has been replaced by Telecommunications Service Priority (TSP) System Service in B2.1.9 for qualifying customers.)

(T)

- A. The use and restoration of service shall be in accordance with Part 64, subpart D, Appendix A of the Federal Communications Commission's Rules and Regulations, which specifies the priority system for such activities.
- B. Subject to compliance with the above mentioned rules, where a shortage of channels of equipment exist at any time either for temporary or protracted periods, the establishment of Long Distance Message Telecommunications Service shall take precedence over all other services.
- C. The Company will arrange a private line service for restoration priority on receipt of certification in conformance with the above mentioned rules. A charge applies when a request to provide or change a restoration priority is received subsequent to the issuance of an order to establish the service. No charge applies when a restoration priority is discontinued. Only one charge is applicable when equipment and its associated channels are arranged to have restoration priority at the same time.
 - 1. Per Channel Service

(a) Charge

Nonrecurring	
Charge	USOC
\$114.00	NA

B102.2 Primary Service

Service is furnished to a customer for a minimum chargeable period of eight consecutive hours per day, in hourly multiples for one or more days per week. Such a period may start at any hour of a calendar day and may extend into the next calendar day. When service is requested for a period of less than eight hours per day, the charge is that for the period of eight consecutive hours which includes the period during which service is furnished and which results in the lowest charge to the customer. When service is requested for more than a single continuous period per day, the charge applicable is either that for one continuous period of eight or more hours which includes all periods during which service is furnished or that for two separate periods, each of eight or more consecutive hours, which together include all periods during which service is furnished, whichever results in the lower charge to the customer.

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:

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. following 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. These 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 *guidebook* 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

- 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.
- B. Joint use as specified in C. through F. following, is not offered on those services which utilize, in whole or in part, Series 10,000 channels.

B103. OBSOLETE SERVICE OFFERINGS - CHANNELS

B103.1 General (Cont'd)

B103.1.5 Joint Use Arrangement (Cont'd)

- 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 percent 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 12-14-90, 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 B103.2.1.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.

B103. OBSOLETE SERVICE OFFERINGS - CHANNELS

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

B103.2.3 Series 2100 Channels

A. Terms and Conditions

(T)

1. Local Area Data Channels

(Obsoleted 08-26-91, Type 4. Not available for new installations, moves or transfers. Effective 08-26-91, in consideration of the decreasing supply of metallic facilities required to provide Local Area Data Channels, the Company will convert a customer's service to a Voice Grade Service or SynchroNet service and waive the nonrecurring charges associated with the change. This applies to a customer 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.

B. Types and Descriptions

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

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

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

B103. OBSOLETE SERVICE OFFERINGS - CHANNELS

B103.3 Classification and Rates - Interexchange - IntraLATA

B103.3.1 Series 1000 Channels

(Obsoleted 04-15-85, Type 3)

A. Terms and Conditions

(T)

1. General

- a. Series 1000, Types 1001 and 1002 private line channel service provides for the transmission of binary signals at rates up to 150 baud within the specifications and limits as stated in B103.3.1.B. following.

B. Types and Descriptions

These channels are furnished for operation on a two point or multipoint basis for service 7 days per week, 24 hours per day, for a minimum period of one month. Types 1001 and 1002 channels are furnished for half duplex or duplex operation. The transmission characteristics for the various types of service furnished within this Series are as follows:

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

a. Basic Parameters

Channel Signals	Station Terminals used with terminal equipment: Limit as specified in the following Station Terminal descriptions.
Channel Distortion	Station Terminals: Limit as specified in the following Station Terminal descriptions.
Power Requirement	For up to 75 Baud Service - Where the Company provides transmission equipment at the interface, the customer must provide a source of continuous 117 Volt, 60 Hz ac power, by means of a nonswitched outlet. For up to 150 Baud Service, the customer must in all cases provide a source of continuous 117 Volt, 60 Hz ac power, by means of a nonswitched outlet. The Company will in all cases supply all voltages and current adjustments.

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

- 2. Station Terminals for use with terminal equipment are described as follows:

a. Type 1001¹

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

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

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

B103. OBSOLETE SERVICE OFFERINGS - CHANNELS

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

B103.3.4 (DELETED) (Cont'd)

B103.4 Reserved for Future Use

B103.5 Reserved for Future Use

B103.6 Series 10000 Channels (Entrance Facilities)

(Obsoleted 12-14-90, Type 4. Not available for new installations, moves or transfers. Existing customers may add channels only to the extent that they are available.)

A. Types and Description

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 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.

B. *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:
2. Type 10001 - The customer's or authorized user's premises must be located 25 airline miles or less from the point at which the customer-provided communication channel is connected to the Company entrance facility.

C. Rates - Monthly Service

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

(Obsoleted 12-14-90, Type 4. Not available for new installations, moves or transfers. Existing customers may add channels only to the extent that they are available.)

(T)

B107. OBSOLETE SERVICE OFFERINGS - DIGITAL NETWORK SERVICE

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B107. OBSOLETE SERVICE OFFERINGS - DIGITAL NETWORK SERVICE

B107.1 MegaLink Service

B107.1.1 General

Except as specified in B107.1.2. and .3. following, terms and conditions located in B7. are applicable.

B107.1.2 Terms and Conditions

(T)

A. Application of Rates

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

B107.1.3 Rates and Charges

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

	Nonrecurring Charge	Month to Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC
1. Digital Local Channel						
(a) First 1/2 mile	\$300.00	\$85.00	\$85.00	\$85.00	\$85.00	1LDPZ

B107. OBSOLETE SERVICE OFFERINGS - DIGITAL NETWORK SERVICE**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 11/06/01, Type D) Not available for new installations or moves of service to a different premises. New channel activations must be ordered under Section 7.4.5. No termination liability charge will be applicable for an existing customer under a CSPP arrangement who converts to rates in Section 7.4.5 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 7.4.5. Any new features added at the time of conversion will incur standard nonrecurring charges as stated in Section 7.4.5. (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. Automatic protection switching capability is inherent in this service. Appropriate electrical signals will be provided in accordance with the specifications of Technical Reference #73501. This offering is intended to be a very flexible, link connectable transport service for the very large customer. It has the capability of connecting with individual exchange and private line services, MegaLink channel service, SMARTRing service, and/or other LightGate services. (T)

B107. OBSOLETE SERVICE OFFERING - DIGITAL NETWORK SERVICE

B107.4 LightGate Service (Cont'd)

B107.4.4 Rates and Charges¹

(Obsoluted 11/06/01, Type D) Not available for new installations or moves of service to a difference premises. New channel activations must be ordered under section 7.4.5. No termination liability charge will be applicable for an existing customer under a CSPP arrangement who converts to rates in section 7.4.5 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 7.4.5. Any new features added at the time of conversion will incur standard nonrecurring charges as stated in section 7.4.5.

(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 following. Mileage charges are as contained in B. following.

(1) LightGate 1 System

	Nonrecurring Charge	Month To Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC
(a) Per System	\$800.00	\$1,800.00	\$1,550.00	\$1,400.00	\$1,250.00	HFQ4N
(b) Per Central Office DS3 Interface ²	225.00	115.00	90.00	80.00	70.00	FQA4X
(c) Per Central Office DS1 Interface	170.00	12.00	8.00	7.00	6.00	FQA1X
(d) Per Customer Premises DS3 Interface ²	\$300.00	\$115.00	\$90.00	\$80.00	\$70.00	FQB4X
(e) Per Customer Premises DS1 Interface	250.00	17.00	13.00	11.50	10.00	FQB1X

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 following. Mileage charges are as contained in B. following.

(1) LightGate 2 System

(a) Per System	800.00	3,760.00	3,200.00	2,900.00	2,600.00	HFQ5N
(b) Per Central Office DS3 Interfaces ²	225.00	115.00	90.00	80.00	70.00	FQA4X
(c) Per Central Office DS1 Interface	170.00	12.00	8.00	7.00	6.00	FQA1X
(f) Per Customer Premises DS3 Interface ²	300.00	115.00	90.00	80.00	70.00	FQB4X
(e) Per Customer Premises DS1 Interface	250.00	17.00	13.00	11.50	10.00	FQB1X

Note 1: Month to month rates are only available at the end of a contract rate period.

Note 2: DS3 capability is provided where the customer does not desire channelization to DS1 channel levels. This interface should not be provided where DS1 level signals are provided at that system's termination point. However, if a DS3 signal is extended from the LightGate System local to a remote central office, a DS3/DS1 multiplexer may be ordered at the remote C.O., per DS3 channel, to derive DS1 channels at rates contained in B.2.(c)following.

B107. OBSOLETE SERVICE OFFERING - DIGITAL NETWORK SERVICE

B107.5 MegaLink ISDN Service

B107.5.1 General

(Obsoleted 11/04/96, 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.

- 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 consists of twenty-three 64 Kbps (B) channels and one 64 Kbps (D) channel. Options are available for plus or minus twenty-three B channels. These channels may be used to connect the PBX 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.

Note 1: Month to month rates are only available at the end of a contract rate period.

Note 2: Each DS3/DS1 multiplexer requires DS1 interfaces and can accommodate a maximum of 28 DS1 channels.

B107. OBSOLETE SERVICE OFFERINGS - DIGITAL NETWORK SERVICE**B107.5 MegaLink ISDN Service (Cont'd)****B107.5.2 Terms and Conditions (Cont'd)**

- C. Digital transmission rates at speeds less than those indicated may be accomplished as a function of the particular CPE furnished by the user. (T)
- 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)
- G. Minimum subscription period for which month-to-month Primary Rate services are furnished and for which charges are applicable is one month.
- 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 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*. (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 twenty-three B channels and one D channel. Additional MegaLink ISDN service arrangements are ordered with twenty-four B channels at rates and charges provided in B107.5.6.D. The D channel activated on the initial arrangement serves the additional MegaLink ISDN service arrangements. If customers desire, they 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.

B107. OBSOLETE SERVICE OFFERINGS - DIGITAL NETWORK SERVICE**B107.5 MegaLink ISDN Service (Cont'd)****B107.5.3 Definitions****B CHANNEL**

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

D CHANNEL

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

64 KBPS CLEAR CHANNEL CAPACITY (CCC)

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

THIRTY-SIX MONTH TERM PAYMENT PLAN

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

SIXTY MONTH TERM PAYMENT PLAN

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

EIGHTY-FOUR MONTH TERM PAYMENT PLAN

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

B107.5.4 Application of Rates

- A.** MegaLink ISDN service Primary Rate Access Lines furnished between a Serving Wire Center and the customer's premises will be charged at rates based on the first 1/2 mile and each additional 1/2 mile for the airline distance measured between the customer's premises and the customer's Serving Wire Center.
- 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.

B107. OBSOLETE SERVICE OFFERINGS - DIGITAL NETWORK SERVICE**B107.5 MegaLink ISDN Service (Cont'd)****B107.5.4 Application of Rates (Cont'd)**

- 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

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 the 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.

B107. OBSOLETE SERVICE OFFERINGS - DIGITAL NETWORK SERVICE

B107.5 MegaLink ISDN Service (Cont'd)

B107.5.5 Service Components (Cont'd)

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 Area Plus service rates and charges found in A3.2.3 of the General *Exchange Guidebook* for all ISDN and non-ISDN facilities terminated at the same premises. Primary rate channels associated with this option are designated as usage sensitive B Channels in B107.5.6.D. (T)
 - Usage Surcharge Billing - for customers selecting flat rate billing for their use of the local exchange switched network. Customers selecting this option will be billed for local exchange service in accordance with flat rate Network Access Register (NAR) rates and charges found in A3.14 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.
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, therefore, incoming call identification would not record these numbers.

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)

B107. OBSOLETE SERVICE OFFERINGS - DIGITAL NETWORK SERVICE**B107.6 Reserved for Future Use****B107.7 SMARTRing Service****B107.7.1 Reserved for Future Use****B107.7.2 Application of Rates**

- A. (Obsoleted 03-31-06, Type 4. Not available for new installations, additions to existing installations or transfers of existing service to a new location. These terms and conditions apply to any customer who is receiving this plan as of March 31, 2006, and they will continue to apply until such a customer terminates the plan or changes service locations.)

In order to accommodate more flexible customer situations, SMARTRing service is available under several payment plans: 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 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:

1. All rate elements, except Channel Interfaces for a given SMARTRing service, whether initially or subsequently ordered, must be provided under the same payment plan with the same service period and are coterminous upon disconnect of the SMARTRing service. Channel Interfaces may be ordered under payment plans equal to or less than the selected payment period for the given SMARTRing service.
2. The rates applicable to a month-to-month payment plan are subject to Company initiated changes.
3. 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 SMARTRing service which include all Nodes, Channel Interfaces, Local Channels, Alternate Central Office Channels, Internodal Channels and/or Interoffice Channels provided under the CSPP arrangement. For services under the month-to-month payment plan, a termination charge is equal to the number of months remaining in the twelve month minimum times the month-to-month rates in effect for SMARTRing service at the time of termination.
4. 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.
5. Additions of services or rate elements, for activating spare or unused capacities of a SMARTRing service under a CSPP arrangement, must be activated at the same rates and charges specified under the existing CSPP arrangement. Channel interfaces may be ordered as specified in 1. preceding.
6. Additions of services or rate elements, i.e. new local channels, interoffice channels, etc., other than for activating spare or unused capacities, must be under a new CSPP arrangement at rates and charges as specified in 1. preceding. The new CSPP arrangement must be at least 24 months and must be coterminous with the CSPP arrangement for the existing SMARTRing service.

(T)

(T)

B108. OBSOLETE SERVICE OFFERINGS – CUSTOM NETWORK SERVICE

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B108. OBSOLETE SERVICE OFFERINGS – RESERVED FOR FUTURE USE

B108.1 General

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

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

The Private Line Services provided in a Custom Network Service Arrangement are subject to the general *terms and conditions* for service stated elsewhere in this Guidebook, except where specified otherwise in a Custom Network Service Arrangement. (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), various analog voice grade services specified herein and MegaLink service.

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

Except where stated otherwise herein, the services 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., analog voice grade services from Section B3., and MegaLink service from Section B7. Custom Network Service Arrangement I may contain only certain rate elements from these standard guidebooks; the other rate elements to complete the provisioning of service may need to be selected from these standard guidebooks to apply in conjunction with the components of service provided within Custom Network Service Arrangement I. (T)

The following non-appropriations clause shall apply when Custom Network Service Arrangement I is elected by the State Government of South Carolina (referred to herein as the "State"):

If the legislature fails to appropriate or authorize the expenditure of sufficient funds to provide the continuation of this contract or if a lawful order issued in or for any fiscal year during the term of the contract reduces the funds appropriated or authorized in such amounts as to preclude making the payments set out therein, the contract shall terminate on the date said funds are no longer available without any termination charges or other liability incurring to the State. The State shall provide the Company with notice not less than thirty (30) days prior to the date of cancellation if such time is available. Otherwise, prompt notice will suffice. In the event of occurrence of the circumstances described immediately above, the Company shall not prohibit or otherwise limit the State's right to pursue and contract for alternate solutions and remedies as deemed necessary by the State for the conduct of its affairs. All provisions stated herein shall apply to any amendment or the execution of any option to extend the contract.

B108.2.2 Terms and Conditions

A. Custom Network Service Arrangement I is provided under a five (5) year payment period agreement and shall be administered in accordance with the *terms and conditions* contained in the Channel Services Payment Plan, B2.4.9.A., except as follows: (T)

1. Custom Network Service Arrangement I is provided under a five year payment period agreement with a mandatory minimum service period of two years required. After completion of the second year in this payment period agreement, the customer may elect to continue this payment period agreement in one year extensions for up to another three year period (not to exceed a total payment period of five years), or the customer may elect one of the service options stated in 2. following.

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)

2. The customer has the following options for service following the expiration of the Custom Network Service Arrangement I payment period agreement:
 - a. The customer may elect to enter into a new Custom Network Service Arrangement I payment agreement at the rates in effect herein for new customers at the time the contract service expires.
 - b. The customer may elect that the network service revert back to the generally available service rates in Sections B3. and B7. that are in effect at the time the contract service expires.
 - c. The customer may elect that all Custom Network Service be disconnected at the expiration of the contract period. No Termination Liability Charges shall apply.
 - d. If customers do not elect a., b., or c., preceding or do not notify the Company of their intentions prior to the time the contract service expires, service shall be continued at the monthly rates currently in effect for the month-to-month option for these services from Sections B3. and B7. until notified otherwise by the customer.
3. Additional services and/or terms and conditions added to this Custom Network Service Arrangement I offering during a customer's payment period agreement may be elected by that customer for the remainder of their original payment period. Revisions to this offering filed on March 11, 1996 shall be made effective retroactive to January 15, 1996 for the purpose of rate treatment for any new services added with this revision. Rate adjustments may apply for existing Custom Network Service Arrangement I customer billing on services added to this guidebook.
4. The minimum size for a Custom Network Service Arrangement I shall be 600 local channels located in the Company serving area in South Carolina. The customer's data network may be less than the 600 local channel minimum size upon electing to subscribe to Custom Network Service Arrangement I, however, the network size must grow to the 600 local channel minimum by the first anniversary date (twelve months) and 700 local channels by the second anniversary date (twenty-four months) of the signing of the payment agreement for Custom Network Service Arrangement I. The size of the data network shall remain a minimum of 700 local channels for the remainder of the payment period agreement.

The term "local channels" as used herein Custom Network Service Arrangement I shall be defined to specifically include any combination of local channels of SynchroNet service, MegaLink service, and/or analog voice grade service (specifically, types 2230, 2260, 2432, 2434, 2435, and/or 2463) which are provided within Company serving area in South Carolina. This definition of local channels may be expanded at the customer's option to include services provided under Custom Network Service Arrangement I which are upgraded to other Company provided services and technologies which 1) are specified in Company guidebooks as acceptable upgrades or changes in service for which termination liability charges do not apply and 2) when those services are elected for a period of time under a contract agreement term which is equal to or greater than the time remaining in the customer's Customer Network Service Arrangement I's payment period agreement. The count of the customer's local channels per this definition shall be used in the annual review to determine the size of the customer's data network as set forth herein. All local channels considered part of a customer's data network shall be subject to the terms set forth in c. following.

B108. OBSOLETE SERVICE OFFERINGS - CUSTOM NETWORK SERVICE**B108.2 Custom Network Service Arrangement I (Cont'd)****B108.2.2 Terms and Conditions (Cont'd)****A. (Cont'd)****4. (Cont')**

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

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

b. If the count of local channels is less than the stated minimum on the anniversary date, the network minimum has not been satisfied and the customer may no longer subscribe to Custom Network Service Arrangement I. The customer's network shall revert to the rates, *terms and conditions* for service available in Sections B3. and B7. This shall not be considered as a disconnect of the customer's service and a Termination Liability Charge as described in c. following shall not apply.

c. The disconnect or moves of Custom Network Service Arrangement I services (individual local and/or interoffice channels, node channel terminations and/or associated optional features, including any associated FlexServ Channel Connections, Multipoint Bridging or Subrate Reconfiguration Capability purchased under a Term Payment Plan from Section A32. of the General Exchange Guidebook) inside the Company serving area in South Carolina during the Custom Network Service Arrangement I payment period shall be considered as partial disconnects of the network and shall not incur a Termination Liability Charge. A Termination Liability Charge shall apply only for the complete disconnect of all service within Custom Network Service Arrangement I (except as specified in d. following) and shall be calculated as follows:

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

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

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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)

- 5. Nonrecurring charges specified in B108.2.3 do not apply for the conversion of service in-place at the time the customer establishes Custom Network Service Arrangement I. Termination Liability Charges shall not apply for the conversion of in-place service that was being provided under a contractual payment period; however, no service credit will be given for the former contractual period. Requests for new service to be added to the customer's network will be subject to the nonrecurring charges specified in B108.2.3, except as follows:
 - Nonrecurring charges specified in B108.2.3 shall not apply for new digital data (SynchroNet) service ordered during the first four months following the initial establishment of each customer's Custom Network Service Arrangement I; specifically, nonrecurring charges will not apply when the service order application date falls within this four-month period and service is to be placed within the standard installation interval.

B108.2.3 Rates and Charges

A. SynchroNet service¹

1. Digital Local Channel, each

		Monthly	Nonrecurring Charge		
		Rate	First	Additional	USOC
(a)	2.4 Kbps	\$45.00	\$340.00	\$105.00	1RSD2
(b)	4.8 Kbps	45.00	340.00	105.00	1RSD4
(c)	9.6 Kbps	45.00	340.00	105.00	1RSD9
(d)	19.2 Kbps	45.00	340.00	105.00	1RSD3
(e)	56.0 Kbps	56.00	340.00	105.00	1RSD5
(f)	64.0 Kbps	56.00	340.00	105.00	1RSD6
2. Node Channel Termination, each					
(a)	2.4 Kbps	10.00	37.00	32.00	2UN24
(b)	4.8 Kbps	10.00	37.00	32.00	2UN48
(c)	9.6 Kbps	10.00	37.00	32.00	2UN96
(d)	19.2 Kbps	10.00	37.00	32.00	2UN19
(e)	56.0 Kbps	24.00	37.00	32.00	2UN56
(f)	64.0 Kbps	24.00	37.00	32.00	2UN64

3. Digital Interoffice Channel

a. Interoffice Channel

(1) Fixed rates applicable

		Monthly	Nonrecurring	
		Rate	Charge	USOC
(a)	2.4, 4.8, 9.6 and 19.2 Kbps	\$18.00	\$93.00	3LBSF
(b)	56.0 and 64.0 Kbps	31.00	93.00	3LBSF

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

B109. OBSOLETE SERVICE OFFERINGS – OPTICAL NETWORK SERVICE

B109.1 BellSouth Wavelength Service (Dedicated Ring Arrangement)

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

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

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

B109.1.1 General

- A. Obsoleted BellSouth Wavelength service provides high volume optical transport capabilities utilizing a dedicated ring topology. Obsoleted BellSouth Wavelength service is available in one (1) service arrangement, i.e., a Dedicated Ring Arrangement. This service arrangement provides various transparent transport and bit rate specific wavelength channel service capabilities to support customer needs for broadband connectivity.
- B. Reserved for future use.
- C. The BellSouth Wavelength service Dedicated Ring Arrangement provides dedicated bandwidth over dedicated facilities in a ring topology service configuration. A BellSouth Wavelength service Dedicated Ring Arrangement provides the capability for customers to activate wavelength channels between Service Node locations on the ring. A Service Node location is a location where equipment is located that provides customers add/drop connectivity to a BellSouth Wavelength service Dedicated Ring Arrangement via Primary System and Expansion System service components. These service components are considered ring level and contain the fiber transport associated with the service. A minimum of two (2) Service Node locations is required for a BellSouth Wavelength service Dedicated Ring Arrangement. This minimum configuration may be Service Nodes at either a customer-designated premises and a Company serving wire center, at two (2) Company serving wire centers or at two (2) customer-designated premises. Additional Service Node locations at customer-designated premises and/or at Company serving wire centers may be established, up to the limitation of the service. BellSouth Wavelength service Dedicated Ring Arrangement Wavelength Channels are available for the activation of wavelengths between Service Node locations. (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.

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:
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.

(T)

B109. OBSOLETE SERVICE OFFERINGS - OPTICAL NETWORK SERVICE

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

B109.1.3 Rates and Charges (Cont'd)

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

3. Wavelength Channel (Cont'd)

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

4. Amplification

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

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