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B1. APPLICATION OF GUIDEBOOK

(T)

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B1.1 General

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## B1. APPLICATION OF GUIDEBOOK

### B1.1 General

- A. This Guidebook contains the terms, conditions and rates applicable to all private line services furnished by Southern Bell Telephone and Telegraph Company, hereinafter referred to as the Company, and for private line services furnished by the Company in conjunction with another telephone company over facilities under the jurisdiction of the State of North Carolina. (T)
- B. This Guidebook contemplates the securing of facilities and services of other telephone companies by the Company in order that the Company may furnish to the customer a private line service between specified locations. (T)
- C. The rates, terms and conditions contained in this Guidebook apply to the private line services over facilities furnished jointly by the Company and other telephone companies as if the services are furnished in their entirety by the Company except as provided in D. following. (T)
- D. In those cases where the rates, terms and conditions of other telephone companies apply to the portion of the private line services furnished by such other telephone companies, the point of connection with the facilities of the Company is considered as a service point in determining the mileage and the rates applicable for the service furnished by the Company. In those cases where another telephone company furnishes a portion of the necessary facilities, and;
  - 1. Concur in the rates, terms and conditions of the Company, the rates, terms and conditions for the total facilities are the same as those shown for the Company in this Guidebook; (T)
  - 2. Applies its own rates, terms and conditions for its portion of the facilities, the rates, terms and conditions for the total facilities are a combination of the rates, terms and conditions of the two telephone companies. (T)
- E. This Guidebook also applies to private line services furnished in connection with other services furnished under the Company's General Exchange Guidebook. (T)
- F. This Guidebook item only applies to the Company. When an end user certifies that an interexchange carrier (IC) is providing an intrastate, interLATA private network switching function at its terminal location for the end user, said terminal location will be considered an end user premises for the purpose of applying the rates, terms and conditions in this Guidebook. Moreover, the private line facilities between the private network switching function and the end user's other premises may be ordered by and billed to either the end user or the IC. (T)

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(T)

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## B 2 . T E R M S A N D C O N D I T I O N S

(T)

### B 2 . 1 U n d e r t a k i n g o f t h e C o m p a n y

#### B 2 . 1 . 1 S c o p e

- A . Private line service is the provision of Company facilities for communication between specified locations of customers, authorized users, or joint users.
- B . The Company does not undertake to transmit messages.

#### B 2 . 1 . 2 L i m i t a t i o n s

(DELETED)

#### B 2 . 1 . 3 L i a b i l i t y

- A . The services furnished by the Company are subject to the terms, conditions and limitations herein specified and to such particular terms, conditions and limitations as are set forth in other sections of this Guidebook applicable to the particular services. (T)
- B . Damages may arise out of impairment of service provided by the Company to its subscribers. Such impairment may be caused by defects or failures in facilities, or by mistakes, omissions, interruptions, preemptions, delays, errors, or defects in the provision of its services set forth herein. Such impairment may also be caused by the Company's failure to maintain proper standards of maintenance and operation, or by its failure to exercise reasonable supervision. The Company's liability for damages caused by any such impairment shall not exceed the proportionate charge to the subscriber for the period of service during which the impairment existed. The Company has no liability for damages caused by the negligence of the subscriber.  
The Company shall not be liable for damage arising out of mistakes, omissions, interruptions, preemptions, delays, errors or defects in transmission or other injury, including but not limited to injuries to persons or property from voltages of currents transmitted over the service of the Company, (1) caused by Customer-provided equipment (except where a contributing cause is the malfunctioning of a Company-provided connecting arrangement, in which event the liability of the Company shall not exceed an amount equal to a proportional amount of the Company billing for the period of service during which such mistake, omission, interruption, preemption, delay, error, defect in transmission or injury occurs) and (2) not prevented by Customer-provided equipment but which would have been prevented had Company-provided equipment been used.
- C . The Company shall be indemnified and saved harmless by the customer against:
  - 1 . Claims for libel, slander and infringement of copyright arising from the material transmitted over services furnished by the Company;
  - 2 . Claims for infringement of patents arising from, combining with, or using in connection with, services furnished by the Company, apparatus and systems of the customer; and
  - 3 . All other claims arising out of any act or omission of the customer in connection with the services furnished by the Company.
- D . The Company is not liable for any act or omission of another Company or Companies furnishing a portion of the service.
- E . The Company does not guarantee or make any warranty with respect to equipment provided by it for use in an explosive atmosphere. The customer indemnifies and holds the Company harmless from any and all loss, claims, demands, suits or other action, or any liability whatsoever, whether suffered, made, instituted or asserted by the customer or by any other party or persons, for any personal injury to or death of any person or persons, and for any loss, damage or destruction of any property, whether owned by the customer for others, caused or claimed to have been caused directly or indirectly by the installation, operation, failure to operate, maintenance, removal, presence, condition, location or use of said equipment so provided.

## B 2 . T E R M S A N D C O N D I T I O N S

(T)

### B 2 . 1 U n d e r t a k i n g o f t h e C o m p a n y ( C o n t d )

#### B 2 . 1 . 3 L i a b i l i t y ( C o n t d )

##### E . ( C o n t d )

The Company may require each customer to sign an agreement as a condition precedent to the provision of such equipment.

##### F . The Company is not liable for any defacement of or damage to the premises of a customer, authorized or joint user resulting from the attachment of the Company's instruments, apparatus and associated wiring on such premises or by the installation or removal thereof, when such defacement or damage is not the result of negligence of the Company.

##### G . U n a u t h o r i z e d C o m p u t e r I n t r u s i o n

The Company's liability, if any, for its willful misconduct is not limited by this section of this Guidebook. With respect to any other claim or suit by a subscriber, communication carrier, reseller, or any other party for damages caused by, or associated with, any unauthorized computer intrusion, including but not limited to the input of damaging information such as a virus, time bomb, any unauthorized access, interference, alteration, destruction, theft of, or tampering with, a Company computer, switch, data, database, software, information, network or other similar system, the Company's liability, if any, shall not exceed an amount equal to the proportionate charge by the Company for the service for the period during which the service provided by the Company was affected or so utilized.

(T)

Each subscriber of the Company shall be responsible for providing appropriate security measures to protect the subscriber's computer, data, or telecommunication network.

##### H . T r a n s m i s s i o n o f D a t a

Voice-grade lines are primarily conditioned to handle data speeds up to 9.6 kilobits per second (kbps). The Company makes no guarantee that voice-grade access lines and/or facilities are suitable for the transmission of data. However, in those cases where the transmission of data is attempted, the Company shall not be held liable for any damage, harm or loss of data caused by the subscriber using the Company's voice-grade telephone access lines and/or facilities for the transmission of data. The Company's liability shall be limited to errors or damages to the transmission of voice messages over these facilities, and the liability shall be limited to an amount equal to the proportionate amount of the Company's billing for the period of service during which the errors or damages occur.

The Company's liability for damages or errors caused during the transmission of data over any of the Company's data facilities shall be limited to an amount equal to the proportionate charge for the service for the period during which the service was affected.

##### I . E r r o r s o r D a m a g e s C a u s e d b y S y s t e m D a t e L i m i t a t i o n s

The Company's liability for errors or damages resulting from the inability of the Company's systems to process dates, such as the Year 2000, shall be limited to an amount equal to the proportionate amount of the Company's billing for the period of service during which the errors or damages occur.

##### J . U n a u t h o r i z e d D e v i c e s

The Company shall not be held liable or responsible for any damage or harm that may occur as the result of unauthorized devices or the failure of the Company to detect unauthorized devices on the subscriber's line.

#### B 2 . 1 . 4 P r o v i s i o n o f S e r v i c e s

##### A . The Company will furnish, maintain and repair all facilities and equipment necessary for private line service to the demarcation point on the customer premises. The customer, authorized user or joint user may provide his own terminal equipment or communications systems for use with such service as expressly authorized in 1. through 6. following, or as otherwise authorized in this Guidebook.

(T)

1. When a private line channel is used for voice communications for the purpose of remote operation of mobile radiotelephone systems, it is contemplated that the customer, authorized user or joint user shall provide all station apparatus for such use.

2. When a customer, authorized user or joint user elects to provide his own communications system, it is contemplated that the customer, authorized user or joint user, except as provided in B 2 . 6 3 A . following, shall provide all station apparatus and associated channels which are a part of the system and which are located on the same premises as the system. The Company will provide, at the request of the customer, the Dial Arrangement for signaling and Interexchange Channel Switching Arrangement as specified in Section B 4 . following.

3. When a private line channel is used for teletypewriter transmission, the teletypewriter equipment may be provided by the customer, authorized user or joint user on a given private line at a given premises, all such equipment must be provided by the Company or the customer, authorized user or joint user. Such equipment must operate at a line signaling speed not to exceed that specified for the channel furnished.

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## B 2 . T E R M S A N D C O N D I T I O N S

(T)

### B 2 . 1 U n d e r t a k i n g o f t h e C o m p a n y ( C o n t d )

#### B 2 . 1 . 4 P r o v i s i o n o f S e r v i c e s ( C o n t d )

##### A . ( C o n t d )

4. W h e n a p r i v a t e l i n e c h a n n e l i s u s e d f o r d a t a t r a n s m i s s i o n w h i c h r e q u i r e s t e r m i n a l e q u i p m e n t ( d a t a s e t s ) , s u c h d a t a s e t s m a y b e p r o v i d e d b y t h e c u s t o m e r , a u t h o r i z e d u s e r o r j o i n t u s e r ; e x c e p t t h a t , t h e C o m p a n y s h a l l f u r n i s h a l l d a t a s e t s l o c a t e d i n C o m p a n y c e n t r a l o f f i c e s . W h e r e t h e c u s t o m e r , a u t h o r i z e d u s e r o r j o i n t u s e r e l e c t s t o p r o v i d e h i s o w n d a t a s e t ( s ) o n a g i v e n p r i v a t e l i n e , i t s h a l l b e t h e r e s p o n s i b i l i t y o f t h e c u s t o m e r , a u t h o r i z e d u s e r o r j o i n t u s e r t o e n s u r e t h e c o n t i n u i n g c o m p a t i b i l i t y o f s u c h d a t a s e t ( s ) w i t h t h e f a c i l i t i e s f u r n i s h e d b y t h e C o m p a n y .
5. W h e n a p r i v a t e l i n e c h a n n e l i s u s e d f o r t r a n s m i s s i o n p u r p o s e s o t h e r t h a n v o i c e a n d t e l e t y p e w r i t e r e x c e p t a s s p e c i f i e d i n 1 . , 2 . , 3 . a n d 4 . p r e c e d i n g , i t i s c o n t e m p l a t e d t h a t t h e c u s t o m e r , a u t h o r i z e d u s e r o r j o i n t u s e r w i l l p r o v i d e t h e s t a t i o n e q u i p m e n t f o r s u c h o t h e r p u r p o s e s .

- B . T h e S e r v i c e I n s t a l l a t i o n G u a r a n t e e , a s s e t f o r t h i n B 2 . 4 . 1 7 f o l l o w i n g , i s a p p l i c a b l e t o s p e c i f i e d s e r v i c e s o f f e r e d i n t h i s G u i d e b o o k . T h e S e r v i c e I n s t a l l a t i o n G u a r a n t e e i s a p p l i e d o n a p e r c i r c u i t b a s i s f o r P r i v a t e L i n e S e r v i c e s .

(T)

T h e f o l l o w i n g l i s t i d e n t i f i e s s o m e o f t h e i n d i v i d u a l P r i v a t e L i n e s e r v i c e s w h i c h a r e e l i g i b l e f o r c r e d i t o f n o n r e c u r r i n g c h a r g e s u n d e r " S e r v i c e I n s t a l l a t i o n G u a r a n t e e " f o u n d i n B 2 . 4 . 1 7 f o l l o w i n g :

- C o m m e r c i a l Q u a l i t y V i d e o
- M e g a L i n k C h a n n e l S e r v i c e
- M e g a L i n k I S D N S e r v i c e<sup>1</sup>
- M e g a L i n k S e r v i c e
- S y n c h r o N e t S e r v i c e
- V o i c e G r a d e S e r v i c e ( S e r i e s 2 0 0 0 )

O t h e r s e r v i c e s e l i g i b l e f o r c r e d i t o f n o n r e c u r r i n g c h a r g e s u n d e r S e r v i c e I n s t a l l a t i o n G u a r a n t e e p r o v i s i o n s a r e n o t e d i n t h e i r r e s p e c t i v e g u i d e b o o k s e c t i o n s .

(T)

T h e f o l l o w i n g s e r v i c e ( s ) / s e r v i c e e l e m e n t s a r e n o t e l i g i b l e f o r s u c h c r e d i t :

- F l e x S e r v S e r v i c e

#### B 2 . 1 . 5 S p e c i a l C o n s t r u c t i o n , E q u i p m e n t a n d A r r a n g e m e n t s

A l l r a t e s a n d c h a r g e s s e t f o r t h i n t h i s G u i d e b o o k p r o v i d e f o r t h e f u r n i s h i n g o f s e r v i c e w h e r e s u i t a b l e f a c i l i t i e s a r e a v a i l a b l e . W h e r e s p e c i a l c o n s t r u c t i o n o f c h a n n e l f a c i l i t i e s i s n e c e s s a r y , s p e c i a l c o n s t r u c t i o n c h a r g e s m a y a p p l y a s s e t f o r t h i n s e c t i o n B 5 .

(T)

Note 1: M e g a L i n k I S D N s e r v i c e o b s o l e t e d 1 2 / 1 1 / 9 6 . ( S e e S e c t i o n B 1 0 7 . )

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## B 2 . T E R M S A N D C O N D I T I O N S

(T)

### B 2 . 1 U n d e r t a k i n g o f t h e C o m p a n y ( C o n t d )

#### B 2 . 1 . 6 W o r k P e r f o r m e d O u t s i d e R e g u l a r W o r k i n g H o u r s

The rates and charges specified in this Guidebook contemplate that all installation, moves, changes or rearrangements of service be performed during regular working hours. Whenever a customer requests that such work be performed outside the Company's regular working hours or that such work once begun be interrupted, so that the Company incurs cost that would not otherwise have been incurred, the customer may be required to pay, in addition to the other rates and charges specified in this Guidebook, the amount of additional costs incurred by the Company as a result of the customer's special requirements.

#### B 2 . 1 . 7 A p p l i c a t i o n f o r S e r v i c e

- A . Any applicant for service may be required to sign an application form requesting the Company to furnish the service in accordance with rates, charges, terms and conditions as specified in this Guidebook. (T)
- B . The Company reserves the right to refuse service to any applicant who is found to be indebted to the Company for service previously furnished until satisfactory arrangements have been made for the payment of all such indebtedness. Except that failure to pay for service under this Guidebook shall not constitute sufficient cause for refusal of residence service or vice versa.

The Company may also refuse to furnish service to any applicant desiring to establish service for former customers of the Company who are indebted for previous service until satisfactory arrangements have been made for the payment of such indebtedness.

- C . If private line service is established and it is subsequently determined that either condition in B . preceding exists, the Company may suspend or disconnect such service until satisfactory arrangements have been made for the payment of the prior indebtedness.

#### B 2 . 1 . 8 R e s t o r a t i o n P r i o r i t y ( O b s o l e t e d , S e e S e c t i o n B 1 0 2 . )

#### B 2 . 1 . 9 T e l e c o m m u n i c a t i o n s S e r v i c e P r i o r i t y ( T S P ) S y s t e m

##### A . S e r v i c e D e s c r i p t i o n

1. The Telecommunications Service Priority (TSP) System is a structured coding scheme that prescribes the order in which National Security Emergency Preparedness (NSEP) telecommunications services are installed or restored. The TSP System was developed to support the requirements of the U. S. Government and applies only to NSEP telecommunications services to which the Company is able to apply priority treatment. It requires and authorizes priority action by the Company.
2. Conditions of emergency or crises that cause invocation of NSEP treatment can only be declared by authorized officials of the Federal Government or other officials (Federal or non-Federal) specified by the Director, Office of Emergency Communications (OEC) on behalf of the Executive Office of the President of the United States.

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## B 2 . T E R M S A N D C O N D I T I O N S

(T)

### B 2 . 1 U n d e r t a k i n g o f t h e C o m p a n y ( C o n t d )

#### B 2 . 1 . 9 T e l e c o m m u n i c a t i o n s S e r v i c e P r i o r i t y ( T S P ) S y s t e m ( C o n t d )

##### B . S e r v i c e L i m i t a t i o n s

1. Priority installation and/or restoration of NSEP telecommunications services shall be provided in accordance with Part 64.401, Appendix A, of the Federal Communications Commission's Rules and Regulations.  
In addition, TSP System service shall be provided in accordance with the guidelines set forth in "Telecommunications Service Priority (TSP) System for National Security Emergency Preparedness (NSEP) Service User Manual" (NCS Manual 3-1-1 dated July 9, 1990) and "Telecommunications Service Priority (TSP) System for National Security Emergency Preparedness (NSEP) Service Vendor Handbook" (NCS Manual 3-1-2 dated July 9, 1990).
2. The customer for the TSP System service must also be the same customer for the underlying Private Line Service with which it is associated.
3. The Company will arrange for the installation and/or restoration of TSP System service upon receipt of the proper certification as specified in B 1 . p r e c e d i n g .
4. It is the responsibility of the TSP user to provide the TSP Authority Code to the Company with each service request.
5. When performing Priority Installation or Priority Restoration (repair) on TSP-designated services in compliance with the Rules and Regulations cited in B 1 . p r e c e d i n g , the Company may not be in a position to notify the customer regarding additional labor charges if additional labor is required. The customer recognizes that quoting charges and obtaining permission to proceed with the installation or restoration of service may cause unnecessary delays and grants the Company the right to quote charges after the installation or restoration has been completed.

##### C . T e r m s a n d C o n d i t i o n s

(T)

1. Under certain conditions, it may be necessary to preempt one or more customer services with a lower (or no) restoration priority in order to install or restore NSEP telecommunications service(s). If preemption is necessary and if circumstances permit, the Company will make every reasonable effort to notify the preempted customer of the action to be taken. Credit allowance for service preemption will adhere to the provisions appearing in B 2 . 4 . 8 .
2. No charge applies when a TSP designation is discontinued.
3. With the exception of credit information, a customer obtaining TSP System service acknowledges and consents to the provision of certain customer service details by the Company to the Federal Government to allow for the proper maintenance and administration of the TSP System. That information includes but is not necessarily limited to:
  - Confirmation of completed TSP service orders directly to the Director, Office of Emergency Communications (OEC);
  - Verification of installation and/or restoration priority level assignment(s) with the Director, OEC;
  - Reconciliation of TSP service information with the Director, OEC or the customer (prime service vendor).

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## B2. TERMS AND CONDITIONS

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### B2.1 Undertaking of the Company (Cont'd)

#### B2.1.9 Telecommunications Service Priority (TSP) System (Cont'd)

##### D. Definitions

###### National Security Emergency Preparedness (NSEP) Services

NSEP services are telecommunications services that are used to maintain a state of readiness or to respond to and manage any events or crises (local, national or international) which causes or could cause injury or harm to the population, damage to or loss of property, or degrade or threaten the NSEP posture of the United States.

###### Office of Emergency Communications (OEC)

The OEC is responsible for the day-to-day operations of the TSP System. This includes maintaining a twenty-four hour point-of-contact to handle emergency provisioning requests, assigning priority levels and Authorization Codes and maintaining data on TSP assignments.

###### Prime Vendor

The service vendor from whom the service user or its authorized agent orders service.

###### Priority Installation (PI)

Provisioning, on a priority basis, of a new TSP service authorized as so urgent that it must be provided earlier than the Company's standard provisioning interval.

###### Priority Restoration (PR)

Restoration, on a priority basis, of an existing TSP service for which any interruption would have serious adverse impact on the supported NSEP function.

###### Subcontractor

The service vendor from whom the prime vendor obtains service for the completion of the prime vendor's end-to-end service.

###### Telecommunications Service Priority (TSP) System

TSP is a structured coding scheme that establishes the order in which NSEP services are to be installed or restored in the event of an emergency. The TSP System was developed to ensure priority treatment of the nation's most important telecommunications services.

###### TSP Authorization Code

A twelve character code that identifies an NSEP TSP service and denotes the order in which that service is to be provisioned (installed) and/or restored.

##### E. TSP Rate Categories

1. There are two basic rate categories which apply to TSP System service:
  - a. Priority Installation
  - b. Priority Restoration
    - Level Implementation
    - Level Change
    - Maintenance/Admistration
2. Certain activities associated with the TSP System are included in the rate elements as follows:
  - a. Priority Installation includes order coordination.
  - b. Priority Restoration includes system development, verification and confirmation.

B2. TERMS AND CONDITIONS

(T)

B2.1 Undertaking of the Company (Cont'd)

B2.1.9 Telecommunications Service Priority (TSP) System (Cont'd)

F. Rates and Charges

1. The following rates and charges are in addition to all other rates and charges that may be applicable for other services furnished in conjunction with TSP service:

a. Priority Installation (PI)<sup>1</sup>

(1) Percircuit

	Nonrecurring Charge	Monthly Rate	USOC
(a) Prime vendor	\$84.00	\$-	P1A PX
(b) Subcontractor	84.00	-	P1A SX
b. Priority Restoration (PR), per circuit			
(1) Level Implementation			
(a) Prime vendor	65.00	-	PR 5PX
(b) Subcontractor	65.00	-	PR 5SX
(2) Level Change			
(a) Prime vendor	65.00	-	PR 8PX
(b) Subcontractor	65.00	-	PR 8SX
(3) Maintenance/Adm inistration			
(a) Prime vendor	-	3.75	PR 9PX
(b) Subcontractor	-	3.75	PR 9SX

B2.2 Use

B2.2.1 Users

A private line service may be used for one or more of the purposes specified in A. through H. following. When a private line service is arranged for joint use, the joint user shall be permitted to use such service in the same manner as the customer as specified in A. through H. following.

- A. For the transmission of communications to or from the customer and relating directly to the customer's business. No one may be a customer for a private line service who does not have a communication requirement of his own for its use except as provided in C. and G. following, or except that a customer for a private line service jointly used in accordance with B103.1.5 may order the addition of service points to meet the communication requirements of a joint user of such service where such additional service points are required to extend the transmission of communications to or from the private line service for which the customer has a communication requirement of his own.
- B. For the transmission, to all stations simultaneously, of communications which relate directly to matters of common interest to the customer and the authorized users, when those connected to the service are all in the same general line of business.

Note 1: Terms, conditions, rates and charges for Expedited (Emergency or Essential) service are the same as those set forth in B2.4.13 B. following for the private line services for which PI is required.

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## B2. TERMS AND CONDITIONS

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### B2.2 Use (Cont'd)

#### B2.2.1 Users (Cont'd)

- C. For the transmission of communications relating directly to the business of a subsidiary corporation over which the customer exercises control through the ownership of more than 50 percent of the voting stock.
- D. For the transmission of communications to or from any station on a service furnished to a Department or Agency of the United States Government when the head of the Department or Agency, or his duly authorized representative, notifies the Company in writing that the use is intended only for official United States Government Business.
- E. Where the customer is an organized stock or commodity exchange, for the transmission of communications to or from an exchange member located on the floor of such exchange and relating directly to the business of the member.
- F. Where the use of the service relates to coordination or exchange of pooled electrical power, for the transmission of communications between any two or more stations of such service or similar services furnished to others who are parties to the coordinating or exchange arrangement.
- G. For the transmission of communications to, from, within and between air carriers, where the customer is an aeronautical communications company licensed under the Aviation Services rules of the Federal Communications Commission to operate stations in the aeronautical mobile and fixed services.
- H. For the transmission of communications to or from any station on a service furnished to the United States Postal Service for its use in the provision of its Facsimile Mail Service.

#### B2.2.2 Unlawful Purposes

The service is furnished subject to the condition that it will not be used for any unlawful purpose. Service will be discontinued if any law enforcement agency, acting within its apparent jurisdiction, advises in writing that such service or channels are being used in violation of law. The Company will refuse to furnish service when it has reasonable grounds to believe that such service will be used in violation of law.

#### B2.2.3 Use by Others

- A. Private line service shall not be used for any purpose for which payment or other compensation shall be received by either the customer or any authorized user or joint user, or in the collection, transmission, or delivery of any communications for others, except as provided in B2.2.1.F. and G. preceding and except as provided below.

This prohibition also does not apply to:

1. Resale by the State of North Carolina in connection with Senate Bill 304 which allows cities and counties to participate in the State telephone network;
  2. Resale of interexchange private line "like" services as obtained from Section E7. of the Access Services Tariff by certified interexchange carriers;
  3. Resale allowed by NCUC Rule R14A; and
  4. Resale of local exchange and exchange access service subscribers certified by the NCUC as competitive local providers.
- B. Private line services are furnished for use between two or more designated premises. The services are intended only for communications in which the customer or an authorized user has a direct interest and that when the service is arranged for joint use, it may be used for the transmission of communications to or from the joint user and relating directly to the joint user's business.

#### B2.2.4 (DELETED)

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B2. TERMS AND CONDITIONS

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B2.2 Use (Contd)

B2.2.4 (DELETED) (Contd)

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## B 2 . T E R M S A N D C O N D I T I O N S

(T)

### B 2 . 2 U s e ( C o n t d )

#### B 2 . 2 . 5 F o r D i f f e r e n t T y p e s o f T r a n s m i s s i o n o n a S i m u l t a n e o u s B a s i s

A private line may be used for different types of transmission simultaneously as provided in A . through C . and B 2 . 2 . 6 following in accordance with the normal transmission characteristics of such a private line.

- A . W h e n u s e d f o r t h e r e m o t e o p e r a t i o n o f a m o b i l e r a d i o t e l e p h o n e s y s t e m , i t m a y b e u s e d s i m u l t a n e o u s l y f o r v o i c e c o m m u n i c a t i o n a n d t o t r a n s m i t m o r e t h a n o n e t o n e i n s e q u e n c e o r s i m u l t a n e o u s l y f o r c o n t r o l p u r p o s e s .
- B . W h e n u s e d f o r c o n t r o l , m e t e r i n g o r s i g n a l i n g p u r p o s e s , i t m a y b e u s e d t o t r a n s m i t m o r e t h a n o n e t o n e i n s e q u e n c e o r s i m u l t a n e o u s l y f o r s u c h p u r p o s e s .
- C . W h e n u s e d f o r a l t e r n a t e v o i c e a n d d a t a t r a n s m i s s i o n a n d a r r a n g e d f o r d u p l e x o p e r a t i o n , i t m a y b e u s e d f o r v o i c e t r a n s m i s s i o n i n o n e d i r e c t i o n a n d d a t a t r a n s m i s s i o n i n t h e o t h e r d i r e c t i o n s i m u l t a n e o u s l y .

#### B 2 . 2 . 6 C h a n n e l D e r i v a t i o n

Additional channels may be created from a channel provided for private line service use as provided in A . through C . following:

- A . C u s t o m e r s , a u t h o r i z e d u s e r s o r j o i n t u s e r s b y u s e o f t h e i r o w n e q u i p m e n t , a n d i n a c c o r d a n c e w i t h t h e n o r m a l t r a n s m i s s i o n c h a r a c t e r i s t i c s o f t h e p r i v a t e l i n e , m a y c r e a t e a d d i t i o n a l c h a n n e l s f r o m c h a n n e l s f u r n i s h e d b y t h e C o m p a n y i f t h e c h a n n e l s a r e f u r n i s h e d b y t h e C o m p a n y f o r , a n d i f t h e c h a n n e l s t h u s c r e a t e d a r e u s e d f o r ( 1 ) r e m o t e o p e r a t i o n o f m o b i l e s y s t e m s o r ( 2 ) r e m o t e m e t e r i n g , s u p e r v i s o r y c o n t r o l o r s i g n a l i n g p u r p o s e s .
- B . C u s t o m e r s , a u t h o r i z e d u s e r s o r j o i n t u s e r s b y u s e o f t h e i r o w n e q u i p m e n t , a n d i n a c c o r d a n c e w i t h t h e n o r m a l t r a n s m i s s i o n c h a r a c t e r i s t i c s o f t h e g r a d e o f c h a n n e l o r d e r e d m a y c r e a t e a d d i t i o n a l c h a n n e l s f o r a n y t y p e o f c o m m u n i c a t i o n , e x c e p t a s s p e c i f i e d i n A . p r e c e d i n g , b y s u b d i v i d i n g :
  - 1 . A c h a n n e l o f a t y p e n u m b e r l o w e r t h a n 6 0 0 0 o r a S e r i e s 1 0 0 0 1 c h a n n e l .
  - 2 . ( D E L E T E D )
  - 3 . H o w e v e r , s u c h c h a n n e l s m a y n o t b e c r e a t e d f r o m a p r i v a t e l i n e u t i l i z i n g T y p e s 1 1 0 1 , 1 0 0 1 , 1 1 0 2 , 1 0 0 2 .
- C . T h e u s e o f e q u i p m e n t p r o v i d e d b y c u s t o m e r s , a u t h o r i z e d u s e r s o r j o i n t u s e r s t o c r e a t e a d d i t i o n a l c h a n n e l s f r o m c h a n n e l s f u r n i s h e d b y t h e C o m p a n y i s s u b j e c t t o t h e t e r m s a n d c o n d i t i o n s c o n t a i n e d i n B 2 . 6 . 1 a n d B 2 . 6 . 2 . f o l l o w i n g .

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B2. TERMS AND CONDITIONS

(T)

B2.2 Use (Contd)

B2.2.6 Channel Derivation (Contd)

- D. The Company makes no representation as to the suitability of the channels provided by it for such subdivision into additional channels by such equipment.

B2.2.7 Connections Involving Private Line Services

- A. Connections involving private line service may be made as authorized in B2.1.4 preceding and B2.6 following.
- B. Connections may also be made whereby a private line customer with LightGate service or SMARTRing service, in order to meet their communication needs, may connect to initialATA services billed to another customer. These connections may be made via a Private Line Connection Arrangement whereby the LightGate service or SMARTRing service customer is considered a Host Customer and the customer connecting to the Host Customer's service is considered a Connecting Customer. Such connections may be made when the Connecting Customer's initialATA service that is being connected to the Host Customer's LightGate service or SMARTRing service is for the use of the Host Customer in the conduct of his business. The Host Customer shall certify in writing, the name of the Connecting Customer and that such services that are being connected to his LightGate service or SMARTRing service arrangement are for his use in the conduct of his business. Also, the Host Customer shall provide the Connecting Facility Assignment (CFA) associated with his LightGate service or SMARTRing service that will be used to connect to the Connecting Customer's service.

Where the Host Customer subscribes to LightGate service or SMARTRing service under Channel Services Payment Plan (CSPP) terms, the payment period for the connecting customer's directly associated rate elements must have a termination date that is equal to or less than that of the Host Customer's service. Where the Host Customer receives services under month-to-month payment terms, a Connecting Customer must also receive service under month-to-month payment terms. Disconnection of a Connecting Customer's service under CSPP terms creates no associated termination or payment obligations for the Host Customer. However, if the Host Customer plans to disconnect his LightGate service or SMARTRing service under CSPP, he must notify the Connecting Customer of the planned/pending disconnect and the Connecting Customer is responsible for any remaining payment obligations for his part of the Private Line Connection Arrangement.

A one-time coordination charge will be assessed with the establishment of a Private Line Connection Arrangement. A Private Line Connection Arrangement Coordination Charge is required for each Host Customer/Connecting Customer arrangement. The Host Customer is responsible for payment of the Private Line Connection Arrangement Coordination Charge. In addition to the coordination charge, a separate nonrecurring charge will apply to process each service order on a Private Line Connection Arrangement account. The charge to process each order is called a Private Line Connecting Arrangement Order Charge and is paid by the Connecting Customer. Charges for coordination and service order processing are as follows:

	<u>Nonrecurring Charge</u>	<u>USOC</u>
Private Line Connecting Arrangement Coordination Charge - per arrangement	\$75.00	Q C A C C
Private Line Connecting Arrangement Order Charge - per service order	60.00	Q C A O C

## B2. TERMS AND CONDITIONS

(T)

### B2.3 Obligations of the Customer

#### B2.3.1 Customer Responsibilities

The customer shall be responsible for:

- A. Establishing his identity in the course of any communication as often as may be necessary.
- B. Establishing the identity of the person or persons with whom connection is made at the called station.
- C. Damage, loss or destruction of any of the Company's apparatus due to the negligence or willful act of the customer, authorized user or joint user and not due to ordinary wear and tear or to fire or other causes beyond the control of the customer, the customer shall be responsible for the cost of replacing the apparatus destroyed or for the cost of restoring the apparatus to its original condition.
- D. Reimbursing the Company for any loss through theft of the equipment or apparatus on the customer's premises.
- E. The provision of power, space and supporting structures required to operate the Company services installed on the premises of the customer, authorized user or joint user.
- F. The provision, installation and maintenance of sealed conduit with explosive-proof fittings between equipment in explosive atmospheres and points outside the hazardous area where connection may be made with regular facilities of the Company, and may be required to install and maintain equipment within the hazardous area if, in the opinion of the Company, injury or damage to Company employees or property might result from installation or maintenance by the Company.
- G. Obtaining permission for Company agents or employees to enter the premises of the customer, authorized user, or joint user at any reasonable hour for the purpose of installing, inspecting, repairing or, upon termination of the service, removing the facilities of the Company.
- H. Making Company facilities available periodically for maintenance purposes at a time agreeable to both the Company and the customer. No allowance will be made for the period during which the service is interrupted for such purposes.
- I. Where service is to be established at a location that has a hazardous electrical environment (e.g., an electric power substation or generating plant or a high voltage transmission tower, switching or distribution location), the customer must have high voltage isolation equipment installed at such premises before the Company installs its service. If the customer is aware that its premises are located where a hazardous electrical environment exists, the customer must notify the Company of this fact at the time its order for service is placed. The Company makes high voltage isolation equipment available to its customers under Special Assembly. Standard intervals do not apply for service ordered where voltage isolation equipment is required and must be installed prior to installation of service ordered from the Company.
- J. Under certain circumstances, funds provided under the American Recovery and Reinvestment Act of 2009 ("ARRA") may be subject to certain restrictions, requirements and reporting obligations. The Company may be subject to some of these restrictions, requirements and reporting obligations when services and service components are purchased with ARRA funds. In order to comply with the restrictions, requirements and reporting obligations associated with the use of ARRA funds (if any), the Company must be apprised of them before provisioning the services or service components. Accordingly, the services and service components provided under this Guidebook shall not be used to support the performance of any portion of a project or program which has been funded in whole or in part with grants, loans or payments made pursuant to the ARRA, without the prior written agreement of the Company and Customer regarding any specifically applicable terms, conditions and requirements. Customer shall provide the Company with prior written notice before placing any order that may be funded in whole or in part with ARRA funds. If Customer fails to provide such prior written notice of ARRA funding; or if the parties cannot agree on the terms and conditions (if any) applicable to an ARRA funded order; or if any terms, conditions or requirements (other than those to which the Company specifically agrees in such separate writing) are found to be applicable, then the Company may, in its sole discretion, reject such order or immediately terminate the provision of any affected service or service component without further liability or obligation.

#### B2.3.2 Rearrangements and Repairs

A customer, authorized user or joint user may not rearrange, disconnect, remove or attempt to repair or permit others to rearrange, disconnect, remove or attempt to repair any apparatus or wiring installed by the Company, except upon the written consent of the Company.

#### B2.3.3 Transfer of Service

- A. Service previously furnished one subscriber may be assumed by a new subscriber if the new subscriber willingly assumes all existing financial responsibility for the account once such service has been canceled or abandoned by the previous subscriber providing there is no lapse in the rendition of service. After the new subscriber assumes financial responsibility, all future bills will be rendered to the new subscriber.

Such transfers are not subject to installation charges applicable for Private Line Service.

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## B 2 . T E R M S A N D C O N D I T I O N S

(T)

### B 2 . 4 P a y m e n t A r r a n g e m e n t s a n d C r e d i t A l l o w a n c e s

#### B 2 . 4 . 1 P a y m e n t o f C h a r g e s a n d D e p o s i t s

- B . The customer is responsible for payment of all charges for services furnished the customer in accordance with the Company's regular billing and collection practice.
- C . Applicants for service who have no account with the Company or whose financial responsibility is not a matter of general knowledge, may be required to make an advance payment at the time an application for service is placed with the Company, equal to the service connection or installation charges, if applicable, and at least one month's charges for the service provided. In addition, where the furnishing of service involves an unusual investment, applicants may be required to make payment in advance of such portion of the estimated cost of the installation or construction as is to be borne by them. The amount of the advance payment is credited to the customer's account as applying to any indebtedness of the customer for the service furnished.
- D . The Company may, in order to safeguard its interests, require an applicant or customer to make such deposit as the Company deems suitable to be held by the Company as a guarantee of the payment of charges. The fact that a deposit has been made in no way relieves the applicant or customer from complying with the Company's terms and conditions as to advance payments or the prompt payment of bills on presentation. At such time as the service is terminated the amount of the deposit is credited to the customer's account and any credit balance which may remain is refunded. At the option of the Company such a deposit may be refunded in all or part or credited to the customer at any time prior to the termination of the service. In case of a cash deposit, interest at the rate of eight percent per annum is paid for the period which the deposit is held by the Company.
- E . The customer will be informed that payment for channel nonrecurring charges can be paid in installments, if desired. The minimum initial payment for the nonrecurring charges is ten percent of the total nonrecurring charge and payments may be extended over a six month period. No billing of less than one-sixth (1/6) of the remaining balance will be made.
- F . When a check or draft tendered for payment of a customer's account is subsequently returned by the institution on which it is written due to failure of the issuing institution to honor the check or draft for a good and sufficient reason, a fee up to the maximum allowed by law will be charged the customer for each such returned check or draft.
- G . The Company at its option for good cause may refuse to accept a check or draft tendered as payment on a customer's account.
- H . A late payment charge of six percent (6% ) for residence and one percent (1% ) for business applies to each subscriber's bill (including amounts billed in accordance with the Company's Billing and Collections Services) when the previous month's bill has not been paid in full within 25 days from the billing date. The percent charge is applied to the total unpaid amount carried forward and is included in the total amount due on the subscriber's current bill.

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#### B 2 . 4 . 2 C a n c e l l a t i o n f o r C a u s e

- A . The Company by written notice to the customer may immediately discontinue the furnishing of private line service without incurring any liability upon:
  - 1 . Nonpayment of any sum due the Company, or
  - 2 . A violation of any condition governing the furnishing of service.

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## B 2 . T E R M S A N D C O N D I T I O N S

(T)

### B 2 . 4 P a y m e n t A r r a n g e m e n t s a n d C r e d i t A l l o w a n c e s ( C o n t d )

#### B 2 . 4 . 3 M i n i m u m S e r v i c e P e r i o d a n d F r a c t i o n a l R a t e s a n d C h a r g e s

- A . The m i n i m u m p e r i o d f o r w h i c h s e r v i c e i s f u r n i s h e d i s o n e m o n t h u n l e s s o t h e r w i s e s p e c i f i e d , e x c e p t w h e n t h e c o s t o f s p e c i a l c o n s t r u c t i o n i s s u c h a s t o n e c e s s i t a t e a l o n g e r c o n t r a c t p e r i o d o r w h e r e b a s i c t e r m i n a t i o n c h a r g e s a p p l y . T h e m i n i m u m p e r i o d f o r S M A R T R i n g s e r v i c e i s t w e l v e m o n t h s .
- B . W h e n m o n t h l y r a t e s a r e s p e c i f i e d , t h e m i n i m u m c h a r g e w i l l b e f o r o n e m o n t h . I f t h e p e r i o d o f u s e e x c e e d s o n e m o n t h , t h e c h a r g e s f o r t h e f r a c t i o n a l p a r t o f a m o n t h f o l l o w i n g a n d c o n s e c u t i v e w i t h a f u l l m o n t h w i l l b e a p a r t o f t h e m o n t h l y c h a r g e b a s e d o n t h e p r o p o r t i o n t h a t t h e a c t u a l n u m b e r o f d a y s s e r v i c e i s f u r n i s h e d b e a r s t o 3 0 d a y s .

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## B2. TERMS AND CONDITIONS

(T)

### B2.4 Payment Arrangements and Credit Allowances (Cont'd)

#### B2.4.3 Minimum Service Period and Fractional Rates and Charges (Cont'd)

- C. When rates involve a fraction of a cent, the fraction is carried throughout the computation of charge. When the computed charge includes a fraction of a cent, fractions of one-half cent or more are treated as one cent and fractions of less than one-half cent are disregarded.

#### B2.4.4 Cancellation of Application for Service

- A. Where the applicant cancels an application for service prior to the start of special construction of facilities, no charge applies.
- B. (DELETED)
- C. Where special construction of facilities has been started prior to the cancellation and to the extent there is another requirement for the specially constructed facilities, no charge applies.
- D. Where special construction of facilities has been started prior to the cancellation, and there is no other requirement for the specially constructed facilities, a charge equal to the costs incurred in the special construction, less net salvage, applies, except that, where one or more, but not all, of the services involved in the special construction are canceled, a charge equal to the charge for discontinuance of such services applies instead. Such charge is determined as set forth in Section B5. In determining the charge, each canceled service is treated as discontinued as of the date on which it was to have been placed in service.
- E. Special construction of facilities for a customer is considered to have started when the Company incurs any expense in connection therewith or in preparation thereof which would not otherwise have been incurred, provided:
1. The customer has advised the Company to proceed with the special construction, and
  2. The Company has advised the customer that, in accordance with his order, it is commencing the special construction.
- F. When equipment has been ordered for the specific needs of a customer and the installation thereof is unduly delayed by or at the request of the customer, appropriate charges apply for such equipment for the period of the delay.
- G. When a customer requests a change in location of all or a part of the facilities covered by his application for service or requests additions, rearrangements or modifications of his existing service and equipment prior to completion of the work involved, he is required to pay the difference between the total costs and expenses incurred by the Company in completing the work involved and that which would have been incurred had the final location of the facilities been specified initially.
- H. When a customer cancels an order for SMARTRing service prior to the beginning of the selected service period, the customer will be liable for all installation costs incurred by the Company in provisioning the SMARTRing service, as of the date of the order is canceled by the customer. The charges billed to the customer will not exceed an amount equal to the minimum period for the service as set forth in B2.4.3 at the month-to-month rates set forth in Section B7. Such charges will be billed in addition to and subsequent to the cancellation charges set forth in B2.4.14 following.

(T)



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## B 2 . T E R M S A N D C O N D I T I O N S

### B 2 . 4 P a y m e n t A r r a n g e m e n t s a n d C r e d i t A l l o w a n c e s ( C o n t d )

(T)

#### B 2 . 4 . 5 C h a n g e i n S e r v i c e A r r a n g e m e n t s

- A . W h e n a c h a n g e i n s e r v i c e a n a r r a n g e m e n t i n v o l v e s t h e c o n t i n u e d u s e b y t h e c u s t o m e r o f s e r v i c e s f u r n i s h e d b y t h e C o m p a n y , i n s t a l l a t i o n c h a r g e s , a s p r o v i d e d i n t h i s g u i d e b o o k d o n o t a p p l y t o t h e s e r v i c e s c o n t i n u e d i n u s e . C o n t i n u e d u s e o f t h e s e r v i c e i s c o n s i d e r e d t o e x i s t w h e r e :
- 1 . T h e s e r v i c e a n a r r a n g e m e n t o r a p o r t i o n o f t h e s e r v i c e a n a r r a n g e m e n t i s r e u s e d o n a n e x i s t i n g s e r v i c e o r t o e s t a b l i s h a n e w s e r v i c e f o r t h e s a m e c u s t o m e r , o r
  - 2 . T h e s e r v i c e a n a r r a n g e m e n t o r a p o r t i o n o f t h e s e r v i c e a n a r r a n g e m e n t r e m a i n s i n t a c t w h e n t h e c u s t o m e r , a s d e f i n e d h e r e i n , i s c h a n g e d d u e t o c o r p o r a t e m e r g e r o r o u r t r i g h t p u r c h a s e , o r
  - 3 . T h e p o r t i o n o f t h e s e r v i c e a n a r r a n g e m e n t c o n n e c t i n g a n a u t h o r i z e d u s e r s o r j o i n t u s e r s p r e m i s e s t o c u s t o m e r ' s s e r v i c e i s t r a n s f e r r e d t o a s e r v i c e o f a n o t h e r c u s t o m e r , a n d p r o v i d e d t h a t :
    - a . T h e r e i s n o b r e a k i n t h e c o n t i n u i t y o f t h e s e r v i c e , a n d
    - b . N o r e d e t e r m i n a t i o n o r c h a n g e o f t h e s e r v i c e s p r o v i d e d a t t h e c u s t o m e r ' s , a u t h o r i z e d u s e r s , o r j o i n t u s e r s p r e m i s e s , o r a t t h e C o m p a n y c e n t r a l o f f i c e t a k e s p l a c e .
- B . T h e m i n i m u m s e r v i c e p e r i o d f o r t h e s e r v i c e s c o n t i n u e d i n u s e i s d e t e r m i n e d f r o m t h e d a t e o f i n i t i a l i n s t a l l a t i o n t h e r e o f .

(T)

#### B 2 . 4 . 6 S u s p e n s i o n o f S e r v i c e

- A . P r i v a t e l i n e s e r v i c e m a y n o t b e s u s p e n d e d i n l i e u o f c a n c e l l a t i o n .

#### B 2 . 4 . 7 T e m p o r a r y S u r r e n d e r o f a P r i v a t e L i n e S e r v i c e

W h e n , a t t h e r e q u e s t o f t h e C o m p a n y , s e r v i c e i s t e m p o r a r i l y s u r r e n d e r e d b y t h e c u s t o m e r , c r e d i t w i l l b e a l l o w e d , t h e a m o u n t o f w h i c h w i l l b e d e t e r m i n e d i n t h e s a m e m a n n e r a s f o r a n a l l o w a n c e f o r i n t e r r u p t i o n s , a s p r o v i d e d i n B 2 . 4 . 8 f o l l o w i n g .

#### B 2 . 4 . 8 A l l o w a n c e f o r I n t e r r u p t i o n s

- A . W h e n s e r v i c e i s i n t e r r u p t e d d u e t o c a u s e s o t h e r t h a n t h e n e g l i g e n c e o f t h e c u s t o m e r , o r t o t h e f a i l u r e o f f a c i l i t i e s f u r n i s h e d b y t h e c u s t o m e r , a c r e d i t a l l o w a n c e w i l l b e m a d e u p o n r e q u e s t a s s e t f o r t h f o l l o w i n g , o r i n t h e r e s p e c t i v e g u i d e b o o k s e c t i o n a p p r o p r i a t e f o r e a c h s e r v i c e , f o r t h e p o r t i o n o f t h e s e r v i c e w h i c h i s a f f e c t e d <sup>1</sup> . F o r t h e p u r p o s e o f d e t e r m i n i n g t h e a m o u n t o f a l l o w a n c e e v e r y m o n t h i s c o n s i d e r e d t o h a v e 3 0 d a y s a n d o n l y t h o s e s t a t i o n s o n t h e i n t e r r u p t e d p o r t i o n s o f a s e r v i c e s h a l l b e c o n s i d e r e d i n d e t e r m i n i n g t h e n u m b e r o f s t a t i o n s a f f e c t e d . L o n g d i s t a n c e m e s s a g e t e l e c o m m u n i c a t i o n s s e r v i c e f u r n i s h e d a t t h e c u s t o m e r ' s r e q u e s t , w h e n h i s s e r v i c e u t i l i z i n g a S e r i e s 2 0 0 0 i n t e r o f f i c e c h a n n e l i s i n t e r r u p t e d i s c h a r g e d f o r a t t h e r e g u l a r m e s s a g e t o l l t e l e p h o n e r a t e s .
- A n i n t e r r u p t i o n p e r i o d s t a r t s w h e n t h e c u s t o m e r r e p o r t s t h e i n t e r r u p t i o n t o t h e C o m p a n y , a n d e n d s w h e n t h e s e r v i c e i s o p e r a t i v e .
- N o c r e d i t a l l o w a n c e w i l l b e m a d e f o r i n t e r r u p t i o n s o f a s e r v i c e d u e t o t h e f a i l u r e o f e q u i p m e n t o r s y s t e m s p r o v i d e d b y t h e c u s t o m e r o r o t h e r s .
- B . O b s o l e t e d N o v e m b e r 2 2 , 1 9 9 7 ( F o r S e r i e s 6 1 0 0 s e r v i c e , s e e B 1 0 3 . 2 . 6 )

(T)

Note 1: A l l o w a n c e f o r i n t e r r u p t i o n s f o r S e r i e s 6 1 0 0 a r e d e s c r i b e d i n S e c t i o n B 1 0 3 .

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## B2. TERMS AND CONDITIONS

### B2.4 Payment Arrangements and Credit Allowances (Cont'd)

#### B2.4.8 Allowance for Interruptions (Cont'd)

C. Obsolete November 22, 1997

D. For service utilizing channels of a Series or Type other than those in A. preceding or Series 6100 described in Section B103., no credit is allowed for interruption to service of less than thirty minutes. Interruptions of thirty minutes or over are credited to the customer at the proportionate monthly charge in half-hour multiples for each half-hour or major fraction thereof of interruption.

E. No credit allowance will be made for interruptions of a service due to the failure of equipment or systems provided by the customer or others.

F. For Self-healing Multi-nodal Alternate Route Topology Ring (SMART Ring) service, a credit for a service interruption shall apply when any one failure of the Company's equipment occurs resulting in a service outage of the entire system and the system does not automatically self-heal around the point of failure within one (1) second. No credit shall apply unless the customer reports the service interruption to the Company and the trouble is found in the Company equipment based on information provided by the network surveillance system associated with the service. The credit shall equal the total of all the monthly charges for the service provided, however, no more than one credit shall apply per any given rate element for any given month regardless of the number of interruptions occurring during that month.

For service interruptions of less than the entire system resulting from a failure of the Company's equipment for SMART Ring service where the system does not automatically self-heal around the point of failure, credit shall be allowed only for an interruption of one (1) minute or more. The credit will begin when the customer reports the interruption to the Company. This credit shall be at the rate of 1/1440 of the total monthly charges assessed for that portion of the service that is interrupted for each period of 30 minutes or major fraction thereof that the interruption continues.

Credit allowances will not apply if service is interrupted during customer requested upgrades and/or additions to the SMART Ring service or during customer requested rearrangements.

G. For BellSouth Wavelength service, a credit for a service interruption shall apply when a single failure of the Company's equipment occurs resulting in a service outage of the entire system and the system does not automatically switch to an alternate facility path around the point of failure within one (1) second. No credit shall apply unless the customer reports the service interruption to the Company and the trouble is found in the Company equipment based on information provided by the network surveillance system associated with the service. The credit shall equal the total of all the monthly charges for the service provided, however, no more than one credit shall apply per any given rate element for any given month regardless of the number of interruptions occurring during that month.

For all other service interruptions resulting from a failure of the Company's equipment for BellSouth Wavelength service, where the system does not automatically switch to an alternate facility path around the point of failure, credit shall be allowed only for an interruption of one (1) minute or more. The credit will begin when the customer reports the interruption to the Company. This credit shall be at the rate of 1/1440 of the total monthly charges assessed for that portion of the service that is interrupted for each period of 30 minutes or major fraction thereof that the interruption continues.

Credit allowances will not apply if service is interrupted during customer requested upgrades and/or additions to the BellSouth Wavelength service or during customer requested rearrangements.

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## B2. TERMS AND CONDITIONS

### B2.4 Payment Arrangements and Credit Allowances (Cont'd)

#### B2.4.9 Optional Payment Plan

##### A. Channel Services Payment Plan

###### 1. General

- a. The terms and conditions specified herein are applicable to specific facilities as indicated in the appropriate sections of this Guidebook for channel services. (T)
- b. Facilities furnished under the Channel Services Payment Plan (CSPP) are subject to all general terms and conditions applicable to the provision of service by the Company as stated elsewhere in this Guidebook except as noted herein. (T)
- c. The CSPP is a payment plan which allows customers to pay fixed or variable rates for channel service equipment and facilities over optional contractual payment periods. A specific monthly rate applies for the duration of each period as follows, except as specified otherwise in this Guidebook.
  - (1) 36 month Term Payment Plan<sup>1</sup> - payment periods may be selected from 24 months to 48 months in length, at 36 month rates and charges.
  - (2) 60 month Term Payment Plan<sup>1</sup> - payment periods may be selected from 49 months to 72 months in length, at 60 month rates and charges.
  - (3) 84 month Term Payment Plan<sup>1</sup> - payment periods may be selected from 73 months to 96 months in length, at 84 month rates and charges.
- d. When the customer selects a payment period or extends an existing payment period beyond a 96 month service period, the 84 month Term Payment Plan (or the longest available service period) rates will apply.
- e. When the customer orders service to be provided under a CSPP arrangement, the customer must designate to the Company the payment plan and the service period desired, e.g. 84 month Term Payment Plan and 96 months.

Note 1: The payment plan periods available may be limited based on specific underlying product restrictions described in the applicable service publication.

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## B2. TERMS AND CONDITIONS

### B2.4 Payment Arrangements and Credit Allowances (Cont'd)

#### B2.4.9 Optional Payment Plan (Cont'd)

##### A. Channel Services Payment Plan (Cont'd)

##### 2. Application of Rates and Charges

- a. Rates stabilized under a CSPP arrangement are exempt from Company-initiated increases. However, decreases (except for rates changed under a restructure) will automatically flow through to the customer.
- b. In the event that all or any part of a service is disconnected at customer request prior to expiration of any selected payment period of greater than one month's duration, the customer will be required to pay a termination charge as stated in that service's section of this Guidebook.
- c. When customers renew or change the length of their payment period, the rates applicable for the new period are those currently in effect at the time of the renewal or change in the length of the payment period. A service order charge will not be applicable for such renewals or changes to the payment period.
- d. Recurring rates and installation, termination, service establishment, Service Connection and other nonrecurring charges apply according to the appropriate schedules for services offered as associated items to Channel Services, and are filed elsewhere in this Guidebook.
- e. Customer requests for inside moves of service will not affect the contract period.
- f. Where applicable, a change in jurisdiction will not constitute a disconnect of service provided the new CSPP arrangement is a minimum 24 month service period or equals/exceeds the remaining service period, whichever is greater, and provided the new CSPP arrangement is for the same customer at the same location for the same capacity service.

##### 3. Additions

- a. Facilities can be added to an existing system where capacity permits. Additions of services or rate elements for activating spare or unused capacities of a service under a CSPP arrangement will be coterminous with the existing CSPP arrangement.
- b. 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 2. preceding.
- c. Termination charges for premature disconnection of added contractual services will apply as set forth under Disconnects as stated in 4. following.
- d. Additions under CSPP are exempt from Company-initiated rate changes for all payment periods longer than one month. However, decreases for any rate element will automatically flow through to the customer.
- e. Nonrecurring charges will apply when new channel equipment and/or facilities are added to an existing customer network.
- f. Additions of SMARTRing service rate elements must be ordered as described in B7.7.

##### 4. Disconnects

- a. When a service or rate element, included under a CSPP arrangement, is disconnected prior to expiration of the selected service period, termination charges apply as set forth in the rate regulations in this Guidebook for such service. Remaining services or rate elements will not be affected by such disconnections.

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## B2. TERMS AND CONDITIONS

### B2.4 Payment Arrangements and Credit Allowances (Cont'd)

#### B2.4.9 Optional Payment Plan (Cont'd)

##### A. Channel Services Payment Plan (Cont'd)

##### 4. Disconnects (Cont'd)

- b. When a service under a CSPP arrangement is disconnected prior to the expiration of a selected service period as a result of a change of jurisdiction and/or a customer requested change to a higher order of a separate guidebook service, termination charges will not apply when:

- the completed service period, for SMARTRing service, is 12 months, or 25 percent of the length of the originally selected CSPP service period, whichever is greater; and
- the service period of the new CSPP arrangement for the higher order of service is a minimum 24 month service period or equals/exceeds the remaining service period of the disconnected arrangement, whichever is greater; and
- the service orders to install the new higher order of service and disconnect the old service are related together, and there is no lapse in service between installation of the higher order of service and disconnection of the existing service; and
- the service orders are for the same customer at the same location.

For the purposes of determining a higher order of service, the following ranking will be used (Analog=lowest, SMARTRing service=highest):

- Analog Voice Grade Services
- SynchroNet Service
- MegaLink Service/MegaLink Channel Service
- MegaLink Light Service
- MegaLink Plus Service
- MegaLink ISDN Service<sup>1</sup>/BellSouth Primary Rate ISDN<sup>2</sup>
- BellSouth Wavelength Service
- SMARTRing Service

##### 5. Moves of Equipment

- a. The appropriate nonrecurring charges for inside moves for items associated with channel services as specified in this and other Guidebooks are applicable. This type of move will not affect the contract period.
- b. Customer requests for moves of service(s) under CSPP, other than inside moves, will be subject to the conditions stated in 11. following.

Note 1: MegaLink ISDN service obsolete 12/11/96. (See Section B107.)

Note 2: BellSouth Primary Rate ISDN is located in Section A42. of the General Exchange Guidebook.

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## B2. TERMS AND CONDITIONS

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### B2.4 Payment Arrangements and Credit Allowances (Cont'd)

#### B2.4.9 Optional Payment Plan (Cont'd)

##### A. Channel Services Payment Plan (Cont'd)

#### 6. Requests for Changes in Length of Optional Payment Period<sup>1</sup>

a. Subsequent to the establishment of a contract with a CSPP period, and prior to the completion of that period, the existing payment period may be replaced by:

(1) A currently offered payment period at the current rates, with a length equal to or longer than the time remaining in the existing service agreement, subject to the following conditions:

- No credit will be given for payments made during the formerly selected period.
- The new payment period begins with the new CSPP effective date.
- No termination charge applies for the remaining portion of the former payment period.
- Nonrecurring charges will not be reapplied.
- A service order charge will not apply.

(2) A currently offered payment period at the current rates, with a length shorter than the time remaining in the existing service agreement, subject to the following conditions:

- No credit will be given for payments made during the formerly selected period.
- The new payment period begins with the new CSPP effective date.
- A termination charge applies for the remaining portion of former payment period.
- Nonrecurring charges will not be reapplied.
- A service order charge will not apply.

#### 7. Renewal Options

a. The customer has the following renewal options:

- (1) Prior to completion of the current payment period, any period available under the CSPP may be selected at the rates in effect for new customers at the time of the renewal. The customer will be charged the current rate for the newly selected payment period, commencing the day following completion of the prior payment period.
- (2) Service may be continued on a month-to-month basis at the current rate for the one-month payment period, unless otherwise specified in this Guidebook. The customer has no additional service commitment and, consequently, when service is terminated it will not be subject to any termination charge. The one-month service will be subject to Company-initiated rate adjustments.
- (3) If the customer does not elect an additional payment period or does not request discontinuance of service, service will be continued at the monthly rate currently in effect for the month-to-month payment rate, under the terms specified in (2) preceding.
- (4) Letters of Election executed on or after October 1, 2012, shall automatically renew for an additional one-year term under the same rates, terms and conditions in effect under the original Letter of Election, unless the Subscriber or the Company provides written notice of its intent not to renew the Letter of Election at least sixty (60) days prior to the expiration of the initial term or any subsequent additional one-year term.

Renewal Options are no longer available with OC-3+ SMART Ring Service (and OC-3+ Overlay Ring Arrangements), refer to B7.7.1.B for specific terms and conditions.

b. Service connection charges are not applicable for services renewed under the CSPP. Any new channel equipment and/or facilities added to a customer's network at the time of renewal will be subject to all appropriate nonrecurring charges.

Note 1: The payment plan periods available may be limited based on specific underlying product restrictions described in the applicable service publication.

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## B2. TERMS AND CONDITIONS

(T)

### B2.4 Payment Arrangements and Credit Allowances (Cont'd)

#### B2.4.9 Optional Payment Plan (Cont'd)

##### A. Channel Services Payment Plan (Cont'd)

###### 7. Renewal Options (Cont'd)

- c. The Company may discontinue or change any or all renewal options.
- d. When a customer renews a CSPP arrangement, the rates and charges in effect on the first day of service of the renewal will apply.
- e. Recognition of previous service will be given to customers who renew an existing CSPP arrangement, for the same or larger system(s) and all associated rate elements at the same location(s), provided that the length of the new CSPP arrangement is a minimum 24 month service period or equals/exceeds the remaining service period of the original CSPP arrangement.
- f. Recognition of previous service will be given to month-to-month customers with a service date of September 28, 1994 or later who convert to a CSPP arrangement, provided the minimum service period has been met. For customers whose service date is September 28, 1994 or earlier, recognition will be given for the previous service back to September 28, 1994. For customers whose service date is later than September 28, 1994, recognition for the previous service will be given back to the actual service date.
- g. To determine the appropriate CSPP Payment Plan for the renewed arrangement<sup>1</sup>, recognition of service will consist of the sum of months in service of the completed service arrangement and the sum of the months of the proposed service period of the CSPP arrangement. For example, a CSPP arrangement for a 36 month service period under the 36 month Term Payment Plan is renewed for 24 months with no changes at the end of the 36 month period. The sum of months for the completed and proposed service periods would equal 60 months and would be billed under the 60 month Term Payment Plan. Another example is a Month-to-Month customer, in service for 15 months, who wishes to convert to a 60 month CSPP arrangement with no changes. The combined service period of the Month-to-Month arrangement and the CSPP arrangement is equal to 75 months, which would be billed under the 84 month Term Payment Plan.

Note 1: The payment plan periods available may be limited based on specific underlying product restrictions described in the applicable service publication.

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## B2. TERMS AND CONDITIONS

### B2.4 Payment Arrangements and Credit Allowances (Cont'd)

#### B2.4.9 Optional Payment Plan (Cont'd)

##### A. Channel Services Payment Plan (Cont'd)

#### 8. Transfer of Service

- a. Service may be transferred to a new customer at the same location upon prior written concurrence by the new customer as specified in this Guidebook. This does not constitute a disconnect of service or a discontinuance of an existing CSPP arrangement. The new customer will be subject to all provisions and equipment configurations currently in effect for the previous customer. Regulations concerning transfer of service between subscribers as stated in other sections of this Guidebook also apply under CSPP.

#### 9. Deferred Payment

- a. Payment of nonrecurring charges for channel services with contract payment plans may be deferred over the length of the customer's payment period or a shorter period (in annual increments) subject to the conditions specified in this paragraph.

- (1) The charges to be deferred must be among the following types:

Nonrecurring Charges

Service Establishment

- (2) The customer must select a payment period longer than one month.
- (3) The total amount of nonrecurring charges as defined in (1) preceding may be deferred.
- (4) The minimum amount deferrable per CSPP Contract is \$2,000.00.
- (5) Interest on deferred amounts will be calculated at the rate set forth in the deferred payment agreement executed by the customer. The interest rate to be charged on deferred payment arrangements made on or after August 20, 1997 is 11.25 percent on an annual effective rate basis. For deferred payment arrangements made prior to August 20, 1997, the applicable interest rate is 10.5 percent on an annual effective rate basis. If, in the judgment of the Company, this interest rate allowed by law is insufficient to cover the costs of providing the deferred payment option, the Company will suspend, subject to the approval of appropriate regulatory authority, the availability of said option until such time as the costs of providing said option can be recovered through the application of this interest rate. Suspension of the deferred payment option will not affect customers who have executed a deferred payment agreement prior to the effective date of such suspension.
- (6) The deferred charges (including interest) will be prorated on a monthly basis over the selected deferral period length.
- (7) All deferred charges must be paid in full when the customer:
- Selects a payment period with an expiration date prior to the expiration date of the deferral period.
  - Disconnects service, for the system, prior to expiration of the selected deferral period.
  - Fails to pay a monthly amount within 30 days of its due date.
  - Moves a service under CSPP to another location in Company territory within the same state, with the exception of an inside move.
- (8) The customer may prepay only the total outstanding deferred charges at any time during the selected deferral period. The customer will be given a credit for the amount of unearned interest. The customer may not prepay less than the total of the outstanding deferred charges.



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## B2. TERMS AND CONDITIONS

(T)

### B2.4 Payment Arrangements and Credit Allowances (Cont'd)

#### B2.4.9 Optional Payment Plan (Cont'd)

##### A. Channel Services Payment Plan (Cont'd)

#### 10. Prepayment

- a. For payment periods longer than one month, the customer may prepay the total outstanding recurring monthly rates. The prepayment of monthly rates in no way constitutes a purchase and the Company retains full ownership of all services covered by the prepayment. The following conditions apply:
  - (1) Customers who prepay six months or more will have an allowance applied. The prepayment interest rate is 10.5 percent on an annual effective rate basis for customers prepaying on or after August 20, 1997. For prepayments made prior to August 20, 1997, the prepayment interest rate is 8.75 percent on an annual effective rate basis.
  - (2) Monthly rates for all services covered by a single Letter of Election must be prepaid. Monthly rates must be prepaid for services added subsequently and placed on the same Letter of Election (i.e., customer-elected coterminal option) with a prepaid system.
  - (3) Customers who change the length of a prepaid payment period will be credited any unused portion of the prepayment, subject to termination charges as specified in (4) following.
  - (4) Customers who prematurely disconnect will have termination charges deducted from the prepaid amount and any balance credited to their bill.

#### 11. Moves of Service(s) under CSPP

- a. Termination charges will not apply to customer requests for moves of service under CSPP from one location to another location subject to the following:
  - (1) The original and new premises locations must be in Company territory within the same state.
  - (2) The move from the original location to the new location must be completed within 30 days of the original premises disconnect date.
  - (3) No lapse in billing will occur from moves of service under CSPP.
  - (4) Orders to disconnect the existing service and reestablish it at the new location must be related.
  - (5) Any rate elements, i.e., local channels, interoffice channels, and/or optional features and functions from the original location that are not reestablished at the new location will be subject to applicable termination charges. While the channel mileage may vary, the number of local channels and the number of interoffice channels must be equal to or greater than the respective numbers of channels at the original location.
  - (6) Any additions made at the new location will be treated as coterminal additions in accordance with 3. preceding.
  - (7) All regulations and charges for changes made to the service coincident to the move shall apply.
  - (8) All appropriate nonrecurring charges for moves of service as specified in this Guidebook will apply.

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## B2. TERMS AND CONDITIONS

(T)

### B2.4 Payment Arrangements and Credit Allowances (Cont'd)

#### B2.4.9 Optional Payment Plan (Cont'd)

##### A. Channel Services Payment Plan (Cont'd)

##### 11. Moves of Service(s) under CSPP (Cont'd)

##### a. (Cont'd)

(9) Where applicable, moves of service that involve a change of jurisdiction, e.g., intraLATA to interstate will not be treated as a disconnect of service with regard to termination liability application. The customer must subscribe to a payment arrangement offered in the appropriate guidebook which is a minimum 24 month service period or equals/exceeds the remaining contract period, whichever is greater.

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(10) Moves of SM ART Ring service are subject to the move provisions set forth in Section B7.

(T)

#### B2.4.10 Special Billing Arrangement (SBA)

##### A. General

1. The Special Billing Arrangement is optional for the customer of private line channels used with computerized traffic light control systems. This arrangement allows a substantial portion of the private line monthly recurring charges to be converted to and paid for by a lump sum payment. The remaining private line charges would be paid on a recurring basis.
2. Monthly recurring charges for the services involved are separated into capital and operating requirements. A monthly compounded present worth factor resulting in an equivalent annual rate of eight percent, is applied to the capital requirement portion of the monthly charges in order to establish a lump sum charge. The remaining operating requirement portion would be applied as the reduced monthly charges.

(T)

B2. TERMS AND CONDITIONS

(T)

B2.4 Payment Arrangements and Credit Allowances (Cont'd)

B2.4.10 Special Billing Arrangement (SBA) (Cont'd)

B. Charges

1. The recurring amounts, which are payable monthly will be adjusted to reflect changes in the filed rates for the services covered by the SBA.
2. Channels added to the traffic light control system after the SBA is established will be billed at the rates as specified in other sections of the Guidebook; or, if the monthly rates for the additions would exceed a specified amount, a separate SBA may be set up for the additions.

(T)

- |                          |          |      |
|--------------------------|----------|------|
|                          | Monthly  |      |
|                          | Rate     | USOC |
| (a) Maximum monthly rate | \$221.75 | NA   |
3. Partial discontinuation of SBA services may result in a refund and/or reduced monthly payments. To determine the amount of refund and/or monthly rate reduction, if any, the existing arrangement must be separated into two separate arrangements, one consisting of services discontinued and the other of services retained. Services discontinued are handled as shown in 4. and 5. following. The services retained will constitute the revised arrangement which will use the same start date as the customer's original plan.
  4. If the services provided under the SBA are discontinued by the customer prior to the expiration of the SBA period, the difference between payments made under this arrangement and the total amount the customer would have been billed, had billing been on the normal monthly basis, will be refunded.
  5. The services provided under this arrangement will be terminated if any services with which it is associated (included in the same billing account) are discontinued for nonpayment. The refund, if any, due the customer for early termination of the plan will be applied to the unpaid balance of the account. Any remaining amount of refund will be returned to the customer.
  6. Nonrecurring charges as filed in this Guidebook apply to the channels under the SBA.

(T)

C. Special Billing Arrangement Period

1. The term for the SBA shall be ten years.
2. The Company will inform the customer of pending expiration of the contract term for services provided under the SBA approximately thirty days before expiration.

B2.4.11 Reserved for Future Use

B2.4.12 Reserved For Future Use

B2.4.13 Service Order Modifications

A. Service Date Change

1. Service dates for installation of new services or rearrangements of existing services may be changed at no charge to the customer provided that the change does not require service to be made available on an expedited basis.

B. Expedited Order Charge

1. If a customer desires that service be provided on an earlier date than the normal installation interval, the customer may request that service be provided on an expedited basis. If the Company agrees to provide the service on an expedited basis, an Expedited Order Charge will apply.
2. If the Company is subsequently unable to meet an agreed upon expedited service date, no Expedited Order Charge will apply unless the missed service date was caused by the customer.

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## B2. TERMS AND CONDITIONS

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### B2.4 Payment Arrangements and Credit Allowances (Cont'd)

#### B2.4.13 Service Order Modifications (Cont'd)

##### B. Expedited Order Charge (Cont'd)

3. The Expedited Order Charge is based on the extent to which the service order has been processed at the time the Company agrees to the service date in provision and is calculated as follows:
  - a. Based on the critical dates associated with the service order, as defined in B2.4.14 B.4.b. following, the Company will determine which critical date will be next completed on the order.
  - b. Using the table in B2.4.14 B.4.e, following and the critical date as determined preceding, the Company will determine the percent of the provisioning interval not yet completed by subtracting the percent shown on the table from 100.
  - c. The Company will apply this percentage to the sum of all the non-recurring charges associated with the order and divide this sum by the number of days remaining in the original service interval.
  - d. The per day charges so developed will then be applied on a per day of in provision basis, per order, but in no event shall the charge exceed fifty percent of the total nonrecurring charges associated with the service order.
4. When the request for expediting occurs subsequent to the issuance of the service order, a Service Date Change Charge as set forth in A. preceding also applies.
5. The Expedited Order Charge applicable to non-design circuits will be equal to fifty percent of the total nonrecurring charges associated with the service order.

#### B2.4.14 Cancellation of a Service Order

- A. A customer may cancel a service order for the installation of service at any time prior to notification by the Company that service is available for the customer's use. The cancellation date is the date the Company receives written or verbal notice from the customer that the order is canceled. If a customer is unable to accept service within 30 calendar days after the original service date, the customer has the choice of the following options:
  - The service order shall be canceled and charges set forth in B. following will apply, or
  - Billing for the service will commence.In any event, the cancellation date or the date billing is to commence (depending on which option is selected by the customer) shall be the 31st day beyond the original service date of the service order.
- B. When a customer cancels a service order for the installation of service, a cancellation charge will apply as follows:
  1. Costs incurred in conjunction with the provision of Private Line Service start on the Application Date as defined in 4.b. following.
  2. When the customer cancels a service order prior to the Scheduled Issue Date, as defined in 4.b. following, no charges shall apply.
  3. When the customer cancels a service order on or after the Scheduled Issue Date, a charge equal to the estimated costs incurred by the Company shall apply. Such charge is determined as specified in 4. following.

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## B2. TERMS AND CONDITIONS

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### B2.4 Payment Arrangements and Credit Allowances (Cont'd)

#### B2.4.14 Cancellation of a Service Order (Cont'd)

B. When a customer cancels a service order for the installation of service, a cancellation charge will apply as follows: (Cont'd)

4. Charges applicable as specified in 3. preceding are based on the estimated costs incurred by the Company at the time the order is canceled. The estimated costs incurred are determined based on the following.
  - a. Certain Company critical dates are associated with a service order provisioning interval, whether standard or negotiated. These dates are used by the Company to monitor the progress of the provisioning process. At any point in the service order interval the Company is able to determine which critical date was last and can thus determine what percentage of the Company's provisioning costs have been incurred as of that critical date.
  - b. The critical dates tracked by the Company are as follows:
    - Application Date (APP): The date the customer provides to the Company, (1) a firm commitment for service and (2) sufficient information to enable the Company to begin service provisioning. This is also the order date.
    - Scheduled Issue Date (SID): The date that the order is to enter the Company's order distribution system.
    - Records Issue Date (RID): The date that all design and assignment information is to be sent to the central office and installation forces.
    - Wired and Office Tested Date (WOT): The date by which all intraoffice wiring is to be completed, all plug-ins optioned, aligned, and frame continuity established, and the inter-office facilities, if applicable, tested. In addition, switching equipment, including translation loading, is to be installed and tested.
    - Plant Test Date (PTD): The date on which overall testing of the service is to be started.
    - Engineering Information Report Date (EIRD): The date the engineering group in another ISS area provides information to the primary engineering group.
    - Service Date (SD): The date on which service is to be made available to the customer. This is sometimes referred to as the Due Date.
    - Designed, Verified, and Assigned Date (DVA): The date by which field implementation groups must report that all documents and materials have been received.
    - Frame Continuity Date (FCD): Date on which frame-to-frame testing must be completed. This is sometimes referred to as the Facility Continuity Check Date.
    - Loop Assignment and Make-up Date (LAM): The date by which Local Loop Assignment and Make-up information must be available.
  - c. The percentage of the total provisioning cost incurred by the Company at a particular critical date varies by the type of service shown in e. following.
  - d. When a customer cancels a service order, or part of a service order, before the service date, the Company will apply cancellation charges to the order. Cancellation charges are calculated by multiplying all the nonrecurring charges associated with the order, or that part of the order being canceled, by the percentage shown in e. following for the critical date last completed on the order.

B2. TERMS AND CONDITIONS

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B2.4 Payment Arrangements and Credit Allowances (Cont'd)

B2.4.14 Cancellation of a Service Order (Cont'd)

B. When a customer cancels a service order for the installation of service, a cancellation charge will apply as follows: (Cont'd)

4. Charges applicable as specified in 3. preceding are based on the estimated costs incurred by the Company at the time the order is canceled. The estimated costs incurred are determined based on the following. (Cont'd)

e. Cancellation Charge Percentages

TYPE SERVICE/ CRITICAL DATES	AFTER: SID LAM		EIRD RID DVA			WOT FCD PTD DD			
	BEFORE: LAM	EIRD	RID	DVA	WOT	FCD	PTD	DD	
VOICE GRADE	7	11	15	19	28	35	50	82	100
METALLIC GRADE	8	12	16	20	29	36	49	81	100
MEGALINK SERVICE	21	26	29	33	40	45	58	86	100
MEGALINK CHANNEL SERVICE	21	26	29	33	40	45	58	86	100
MEGALINK LIGHT SERVICE	21	26	29	33	40	45	58	86	100
MEGALINK PLUS SERVICE	21	26	29	33	40	45	58	86	100
SYNCHRONET SERVICE	7	13	19	24	30	42	55	84	100
SMARTring SERVICE	21	26	29	33	40	45	58	86	100
BELLSOUTH PRIMARY RATE ISDN	21	26	29	33	40	45	58	86	100
LIGHTGATE SERVICE	21	26	29	33	40	45	58	86	100

f. Cancellation charges for non-design circuits are calculated by multiplying all the nonrecurring charges associated with the order, or that part of the order being canceled, by 25 percent if the order is canceled after the Application Date but before the Due Date. If the order is canceled on the Due Date, 100 percent of the nonrecurring charges will apply.

C. When a customer cancels an order for the discontinuance of service no charges apply for the cancellation.

D. If the Company misses a service date by more than 30 days due to circumstances over which it has direct control (excluding, e.g., acts of God, governmental requirements, work stoppages and civil commotions), the customer may cancel the service order without incurring cancellation charges.

B2.4.15 Billing of Private Line Service Provided by Multiple Companies

A. Multiple Bill Arrangement

1. General

If agreed to by the Exchange Telephone Companies involved in the provision of the private line service and appropriate guidebook provisioning, each company will bill for the portion of the private line service that it provides based on their terms and conditions, rates and charges as appropriate.

(T)

2. Rating and Billing of Service

The charges billed by this Company for the interoffice channel between Exchange Telephone Company central offices, are determined as follows:

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## B 2 . T E R M S A N D C O N D I T I O N S

(T)

### B 2 . 4 P a y m e n t A r r a n g e m e n t s a n d C r e d i t A l l o w a n c e s ( C o n t d )

#### B 2 . 4 . 1 5 B i l l i n g o f P r i v a t e L i n e S e r v i c e P r o v i d e d b y M u l t i p l e C o m p a n i e s ( C o n t d )

##### A . M u l t i p l e B i l l A r r a n g e m e n t ( C o n t d )

3. The total airline mileage for the service is computed using the V & H coordinates set forth in the National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4.
4. A billing factor is determined from the National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4. This factor represents the percentage of the distance between Exchange Telephone Company central offices that will be billed by this Company. The billing factor is multiplied by the total charge for all of the miles to determine the amount to be billed by the Company.
5. For the fixed recurring rate element and the Nonrecurring Charge associated with the interoffice channel between Exchange Telephone Company central offices, fifty percent of the Company's rate will apply for each end of the interoffice channel provided. If this Company does not bill for either end of the interoffice channel, then the fixed recurring charge and nonrecurring charge of this Company shall not apply.

##### B . S i n g l e B i l l A r r a n g e m e n t

###### 1. G e n e r a l

If agreed to by the Exchange Telephone Companies involved in the provision of the private line service and appropriate guidebook provisioning, a single bill will be provided. (T)

###### 2. R a t i n g a n d B i l l i n g o f S e r v i c e

The billing company will be as agreed to by the Exchange Telephone Companies involved in the provision of the service. Under the single bill arrangement, the billing company will bill and collect all appropriate charges in accordance with the regulations, rates and charges in its tariff.

#### B 2 . 4 . 1 6 R e s e r v e d f o r F u t u r e U s e

#### B 2 . 4 . 1 7 S e r v i c e I n s t a l l a t i o n G u a r a n t e e

- A . The Company assures that orders for services to which the Service Installation Guarantee (SIG) applies will be installed and available for customer use no later than the Service Date as specified in B 2 . 4 . 4 B preceding. The SIG is applicable only as specified in B . and C . following, and B 2 . 1 . 4 preceding.
- B . The failure of the Company to meet this commitment will result in the credit of an amount equal to the nonrecurring charges associated with the individual service having the missed Service Date being applied to the customer's bill. The credit will include only nonrecurring charges associated with the services as specified in B 2 . 1 . 4 preceding for which nonrecurring charges are applicable. The nonrecurring charges will be credited at the rate at which they were billed. The credit will not be provided if a credit of the same nonrecurring charge for the same service is provided under any other provisions of this Guidebook. (T)

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## B 2 . T E R M S A N D C O N D I T I O N S

(T)

### B 2 . 4 P a y m e n t A r r a n g e m e n t s a n d C r e d i t A l l o w a n c e s (C o n t d )

#### B 2 . 4 . 1 7 S e r v i c e I n s t a l l a t i o n G u a r a n t e e (C o n t d )

C . S e r v i c e I n s t a l l a t i o n G u a r a n t e e d o e s n o t a p p l y :

1. when failure to meet the Service Date occurs because of:
  - a. any act or omission of this customer, any other customer or any third party, or of any other entity providing a portion of a service,
  - b. labor difficulties, government orders, civil commotions, criminal actions against the Company, acts of God, war, or other circumstances beyond the Company's control,
  - c. unavailability of the customer's facilities and/or equipment,
  - d. a shortage of facilities that requires message toll and exchange line services takes precedence over Private Line services as set forth in B 2 . 1 . 2 preceding.
2. to service requiring construction charges as set forth in B 2 . 1 . 5 preceding and Section B 5 following,
3. to Specialized Service or Arrangement or Individual Case Basis filings,
4. for jointly provisioned services, and
5. to other telephone companies concurring in the rates, terms and conditions of the Company

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In addition, Service Installation Guarantees will not apply during a declared National Emergency. Priority installation of National Security Preparedness (NSEP) telecommunications services shall take precedence.

### B 2 . 5 D e f i n i t i o n s

Certain terms used generally throughout this Guidebook are defined below .

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#### ACCESSORIES

The term "Accessories" denotes devices which are mechanically attached to, or used with, the facilities furnished by the Company and which are independent of, and not electrically, acoustically, or inductively connected to the conductors in the communications path of the Company facilities.

#### ANOTHER TELEPHONE COMPANY

The term "Another Telephone Company" denotes a corporation, association, firm or individual owning and operating a toll line or one or more central offices and with whom traffic is interchanged.



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## B2. TERMS AND CONDITIONS

### B2.5 Definitions (Contd)

#### AUTHORIZED PROTECTIVE CONNECTING MODULE

The term "Authorized Protective Connecting Module" denotes a protective unit designed by the Company and manufactured under the control of the Company quality assurance procedures, which unit is to be incorporated in a conforming answering device.

#### AUTHORIZED USER

The term "Authorized User" denotes a person, firm or corporation (other than the customer) who may communicate over a private line or channel according to the terms of the guidebook, and (1) on whose premises a station of the private line service is located, or (2) who receives from or sends to the customer over such private line or channel communications relating solely to the business of the customer. An authorized user must be specified in the service contract.

#### BAUD

The term "Baud" denotes a unit of signaling speed. It is the reciprocal of the time duration in seconds of the shortest signal element (mark or space) within a code signal. The speed in bauds is the number of signal elements per second.

#### BIPOLAR WITH 8 ZERO SUBSTITUTION (B8ZS)

The term "Bipolar with 8 Zero Substitution" (B8ZS) denotes a line code which allows transport of an all zero octet over a DS1/1.544 Mbps High Capacity channel. B8ZS enables Clear Channel Capability on Megalink service.

#### BUILDING (SAME)

The term "Same Building" is to be interpreted as a structure under one roof, or two or more structures under separate roofs but connected by enclosed passageways in which the wires or cable of the Company can be safely run provided the plant facility requirements are not appreciably greater than would be required normally if all structures were under one roof. In those cases where there are several structures under separate roofs but connected by enclosed passageways and the plant facility requirements for furnishing service are appreciably greater than would be required normally if all the structures were under one roof, the term "same building" applies individually to each of the separate structures. Pipes and conduit are not considered enclosed passageways.

#### CENTRAL OFFICE

The term "Central Office" denotes a switching unit providing telephone service to the customers connected thereto.

#### CENTRAL OFFICE CONNECTING FACILITY

The term "Central Office Connecting Facility" denotes a facility furnished to an Other Carrier by the Company between the terminal location of the Other Carrier and a point of connection on the Company premises.

#### CENTREX CONTROL SWITCHING EQUIPMENT

The term "Centrex Control Switching Equipment" denotes switching equipment, located on the Company's premises, used to provide Centrex service furnished in accordance with Centrex Service provisions of the General Exchange Guidebook.

#### CENTREX TYPE SERVICES

Central office based non-transport arrangements which permit abbreviated internal calling and inward and outward calling from station lines associated with ESSX-1 service, ESSX service, Digital ESSX service, MultiServ service, MultiServ PLUS service, and BellSouth Centrex service.

#### CHANNEL

The term "Channel" designates the electrical path provided by the Company between two or more stations.

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## B2. TERMS AND CONDITIONS

(T)

### B2.5 Definitions (Contd)

#### BUILDING (SAME)

The term "Same Building" is to be interpreted as a structure under one roof, or two or more structures under separate roofs but connected by enclosed passageways in which the wires or cable of the Company can be safely run provided the plant facility requirements are not appreciably greater than would be required normally if all structures were under one roof. In those cases where there are several structures under separate roofs but connected by enclosed passageways and the plant facility requirements for furnishing service are appreciably greater than would be required normally if all the structures were under one roof, the term "same building" applies individually to each of the separate structures. Pipes and conduit are not considered enclosed passageways.

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#### CENTREX CONTROL SWITCHING EQUIPMENT

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#### CHANNEL

The term "Channel" designates the electrical path provided by the Company between two or more stations.

#### CHANNEL TERMINAL

The term "Channel Terminal" denotes that element of a private line service required to terminate within a central office the interoffice or interexchange transmission system.

#### CLEAR CHANNEL CAPABILITY

The term "Clear Channel Capability" denotes the ability to transport twenty-four 64.0 Kbps channels over a 1.544 Mbps (DS1) channel (i.e., a Megalink service channel), via B8ZS line code format.

#### COMMUNICATIONS SYSTEMS

The term "Communications Systems" denotes channels and other facilities which are capable, when not connected to private line services, of communications between terminal equipment or Company stations.

#### COMPANY

Whenever used in this Guidebook, "Company" and "Southern Bell Telephone and Telegraph Company" refer to BellSouth Telecommunications, Inc. unless the context clearly indicates otherwise.

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## B2. TERMS AND CONDITIONS

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### B2.5 Definitions (Contd)

#### CONFORMANCE NUMBER

The term "Conformance Number" denotes an identifying number assigned by the Company to a particular model of conforming answering device incorporating an authorized protective connecting module when that model or device is in conformance with the provisions set forth by the Company in its technical reference for conforming answering devices.

#### CONFORMING ANSWERING DEVICE

The term "Conforming Answering Device" denotes a device which automatically answers incoming calls; transmits a prerecorded voice message or appropriate audible signal to the calling party; records a voice message from the calling party if so designed and arranged; and automatically disconnects from the line in a prearranged manner on completion of the last of the functions for which it was designed and arranged as described in this paragraph. The conforming answering device may include remote interrogation and/or device function control. A conforming answering device must incorporate an authorized protective connecting module and must bear a valid conformance number.

#### CONNECTING ARRANGEMENT

The term "Connecting Arrangement" denotes the equipment provided by the Company to accomplish the direct electrical connection of customer-provided facilities with the facilities of the Company, or the direct electrical connection of Company facilities.

#### CONTRACT

The term "Contract" refers to the service agreement between a customer and the Company under which facilities for communication between specified locations, for designated periods, and for the use of the customer and the authorized users specifically named in the contract are furnished in accordance with the provisions of this Guidebook.

#### COORDINATING FACILITIES

The term "Coordinating Facilities" denotes those used for communication between stations on program networks to enable the customer to pass information for the proper handling of his program.

#### CUSTOMER

The term "Customer" denotes the person, firm or corporation which orders service and is responsible for the payment of charges and compliance with Company terms and conditions. No one may be a customer for a private line service who does not have a communication requirement of his own for its own use except as provided in B2.2.1.G. or except that a customer for a private line service jointly used in accordance with B3.1.5 may order the addition of service points to meet the communications requirements of a joint user of such service where such additional service points are required to extend the transmission of communications to or from the private line service for which the customer has a communications requirement of his own.

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#### DATA ACCESS ARRANGEMENT

The term "Data Access Arrangement" denotes a connecting arrangement for use on a Private Line Service arranged for data transmission.

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## B 2 . T E R M S A N D C O N D I T I O N S

(T)

### B 2 . 5 D e f i n i t i o n s ( C o n t d )

The DSS which is connected directly to the Selector Control Unit (SCU).

A PDSS provides the connection between the master station and any one of up to 128 (125 for addressable operation) two-wire or four-wire voice grade data channels. Where more than one DSS is required, the DSS that is directly connected to the master station is termed the PDSS. Additional DSSs, designated SDSSs, may be connected to the PDSS.

Secondary DSS (SDSS)

Any DSS which is connected to a PDSS.

Selector Control Unit (SCU) (This equipment has been designated as customer premises equipment)

The equipment located at the master station for use by the customer to transmit control and/or address signals to the DSSs and receive supervisory signals from the DSSs.

An SCU will be provided at the master station location. The SCU is used by the customer to transmit control and/or address signals to the DSSs and to receive supervisory signals from DSSs.

Master Station

The one station located on a customer's premises which communicates with each remote station and may control the connections.

Remote Station

One of the many stations located on the customer's premises which is connected to the master station by DSSs.

DEMARCATION POINT

The demarcation point is the point where the Company's facilities end and the customer's premises wiring begins.

(T)

DIRECT ELECTRICAL CONNECTION

The term "Direct Electrical Connection" denotes a physical connection of the electrical conductors in the communications path.

DISTRIBUTION CENTER

The term "Distribution Center" as used in connection with Series 6000 channels furnished for music networks indicates amplifying and bridging equipment required to connect the various local sections of a network or to connect local sections to an interexchange section of the network.

DUPLEX SERVICE

The term "Duplex Service" denotes service which provides for simultaneous transmission in both directions.

EQUALIZATION

The term "Equalization" denotes the regulation of signal levels within specified limits over a range of frequencies that comprise the stated bandwidth.

EXCHANGE

The term "Exchange" denotes a unit established by the Company or its connecting companies for the administration of communication service in a specified area which usually embraces a city, town or village and its environs. It consists of one or more central offices together with the associated plant used in furnishing communication service within that area.

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B2. TERMS AND CONDITIONS

(T)

B2.5 Definitions (Contd)

EXCHANGE AREA

The term "Exchange Area" denotes the territory served by an exchange.

HALF-DUPLEX SERVICE

The term "Half-Duplex Service" denotes service which provides for transmission alternately in either direction or for transmission in one direction only including bidirectional simultaneous transmission of tones required solely for control purposes or quick turn around or synchronization.

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## B 2 . T E R M S A N D C O N D I T I O N S

(T)

### B 2 . 5 D e f i n i t i o n s ( C o n t d )

#### HUB

The term "Hub" denotes a Company designed wire center where bridging or multiplexing functions are performed.

#### INTERFACE

The term "Interface" denotes that point on the premises of the customer, authorized user or joint user at which provision is made for connection of other than Company-provided facilities to services provided by the Company.

#### INTERMEDIATE SERVING CENTRAL OFFICE

The term "Intermediate Serving Central Office" refers to a central office from which a service point on a private line is served and through which the private line is routed.

#### INTEROFFICE CHANNEL

The term "Interoffice Channel" denotes that element of a private line service which interconnects local channels which serve customers located in different central office areas (wire center serving areas) within the same exchange.

#### INTRALATA

See Local Access and Transport Area (LATA)

#### JOINT USER

The term "Joint User" denotes a person, firm or corporation who is designated by the customer as a user of a private line service furnished to the customer and to whom a portion of the charge for the service will be billed under a joint user arrangement as specified in B 103.1.5 following.

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#### LINK

The term "Link" refers to the use of a single local channel and/or an interoffice/interexchange channel as one segment (partial channel) of a 2 point or multi-point arrangement when at least one other segment of the service arrangement is served by MegaLink service, MegaLink Light service, MegaLink Plus service, MegaLink channel service, or FlexServ service.

#### LOCAL ACCESS AND TRANSPORT AREA (LATA)

The term "Local Access and Transport Area" denotes a geographic area established by the Company for the administration of communications service. It encompasses designated exchanges, which are grouped to serve common social, economic and other purposes.

#### LOCAL CHANNEL

The term "Local Channel" denotes the element of a private line service required for connecting a customer premises to its serving wire center.

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## B2. TERMS AND CONDITIONS

(T)

### B2.5 Definitions (Contd)

#### MOVE

The term "Move" as used in connection with the application of move charges for private line services denotes a change in the physical location (whether on the same or different premises), when made at the request of the customer without discontinuance of service, of facilities and items of equipment provided by the Company.

The term "Move" as used in connection with termination liability for private line services under CSPP denotes a change in the physical location from one premises to a different premises in Company territory within the same state, when made at the request of the customer.

#### MULTIPOINT SERVICE

The term "Multipoint Service" denotes a service which provides communications capability between more than two private line station locations on different premises by means of a bridging or hubbing arrangement.

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## B2. TERMS AND CONDITIONS

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### B2.5 Definitions (Contd)

#### MULTISTATION ARRANGEMENT

The term "Multistation Arrangement" denotes a service configuration which provides communications capability where:

- a. All stations of a service are located on the same premises consisting of more than two stations.
- b. Stations of a service are located on different premises and more than one station on the same premises are connected to that service.

#### NETWORK CONTROL SIGNALING

The term "Network Control Signaling" denotes the transmission of signals used in the telecommunications system which performs functions such as supervision (control, status, and charging signals), address signaling (e.g., dialing), calling and called number identification, audible tone signals (call progress signals indicating reorder or busy conditions, alerting, coin denominations, coin collect and coin return tones) to control the operating of switching machines in the telecommunications systems.

#### NETWORK CONTROL SIGNALING UNIT

The term "Network Control Signaling Unit" denotes the terminal equipment furnished for the provision of network control signaling.

#### NETWORK INTERFACE

- a. The Network Interface is a standard registration jack equivalent provided by the Company as a part of exchange access, WATS, or Private Line Services.
- b. The Network Interface will be located at the demarcation point.
- c. No discrete charge is appropriate for miniature jacks used as a Network Interface. When any Network Interface other than a miniature modular jack is used, the current charge for such Network Interface will apply.

#### PREMISES (SAME)

The term "Same Premises" shall be interpreted to mean the building or the portion of the building occupied by the customer, either in the conduct of his business or residence, or a combination thereof, and not intersected by a public corridor or by space occupied by others.

#### PRIMARY WIRE CENTER

The term "Primary Wire Center" denotes the central office or wire center in which the interexchange channel is terminated. In a multiple central office or wire center exchange, the primary wire center is that central office or wire center designated as the principle interexchange end office.

#### PRINCIPAL CENTRAL OFFICE

The term "Principal Central Office" denotes the central office in a single office exchange or to that office of a multi-office exchange which is designated as such for the purposes of measuring intraexchange and interexchange channel mileage.

#### PRIVATE LINE CHANNEL SERVICE

The term "Private Line Channel Service" denotes a channel which provides a path for communications capabilities between two or more station locations and the channel service is not directly connected to the public switched network.

#### PRIVATE LINE NETWORK

The term "Private Line Network" denotes two or more private line units of the same type contracted for by one customer and reaching one or more common service points. The lines may be operated separately or they may be connected or connectable by means of a switching arrangement.



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B2. TERMS AND CONDITIONS

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B2.5 Definitions (Contd)

RATE CENTER

The term "Rate Center" for private line services is a specified geographical location within an exchange area from which mileage measurements are determined for the application of interexchange mileage rates.

SAME CONTINUOUS PROPERTY

The term "Same Continuous Property" shall be interpreted to mean the building or buildings, together with the surrounding land that is not intersected by a public thoroughfare or owned by others.

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## B2. TERMS AND CONDITIONS

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### B2.5 Definitions (Contd)

#### SERVICE CONNECTION CHARGE

The term "Service Connection Charge" denotes a nonrecurring charge applying to the establishment of a private line channel service for a customer and certain subsequent additions to that service.

#### SERVICE INSTALLATION GUARANTEE

The term "Service Connection Charge" denotes a nonrecurring charge applying to the establishment of a private line channel service for a customer and certain subsequent additions to that service..

The term "Service Installation Guarantee" denotes a program under which the Company will provide a credit to the customer's account for certain services in those instances when the Service Date is not met due to Company reasons.

#### SERVICE POINT

The term "Service Point" when used in connection with private line services denotes an exchange which normally serves the exchange area in which a station of the customer is located, or an exchange in which an interoffice channel is terminated in a Company office at the request of the customer.

The term "Service Point" when used in connection with communication channels denotes the point on the customer's premises where channels provided by or furnished to the customer are terminated in transmitting and receiving terminating equipment or switching equipment used, at least in part, for communications with stations or terminal equipment located on the premises.

#### SERVING CENTRAL OFFICE

The term "Serving Central Office" denotes the central office from which a customer or authorized user would normally be served for local exchange telephone service.

#### STATION

The term "Station" as used in connection with private line services:

1. Denotes the transmitting or receiving equipment, or combination transmitting and receiving equipment at any location on a premises and connected for private line service, or
2. Denotes a point on a premises at which a channel is terminated where the service involves only channels and the transmitting or receiving equipment, or combination transmitting and receiving equipment, is furnished by the customer, authorized user or joint user, or
3. Denotes a termination of a private line a Company office for foreign exchange service or in a switching center of a Switched Circuit Automatic Network or a Common Control Switching Arrangement.

A "Main Station Line" is the station at a location which has been designated by the customer as the principal location or any other station which, at the request of the customer, is connected to the service by a separate local channel.

An "Extension Station Line" is any other station on the same premises as a main station line and which, at the request of the customer, is connected to the same service by an extension to a local channel.

#### STUDIO

The term "Studio" as used in connection with Series 6100 channels indicates fixed premises of a station at which audio material regularly originates or is received for transmission to local distribution systems.

#### TELEMETRY /ALARM BRIDGING SERVICE (TABS)

##### Master Station

The one station of a multi-point system located on a customer's premises which communicates with, or receives communications from, each remote station.

##### Remote Station

One of the many stations of a multi-point system located on a customer's premises which is connected to the master station via the applicable TABS arrangement.

##### Master Station Channel

The dedicated private line channel of a TABS system connecting the master station to the primary bridge.

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## B 2 . T E R M S A N D C O N D I T I O N S

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### B 2 . 5 D e f i n i t i o n s ( C o n t d )

#### TELEMETRY /ALARM BRIDGING SERVICE (TABS) (Contd)

##### Remote Station Channel

The dedicated private line channel of a TABS system connecting each remote station to its bridge.

##### Mid-Link Channel

The dedicated interoffice or interexchange private line channel of a TABS system connecting two bridges located in separate central offices with each other. This channel is only applicable for Split Band, Active Bridging.

##### Primary Bridge

The bridge which is connected directly to the master station via the master station channel.

##### Secondary Bridge

Any bridge in a TABS system which is connected to a primary bridge via a mid-link channel.

#### TERMINAL EQUIPMENT

The term "Terminal Equipment" denotes devices, apparatus and their associated wiring, provided by a customer, authorized user, or joint user which do not constitute a communications system.

#### TERMINATION CHARGE

The term "Termination Charge" when used in connection with specially constructed facilities denotes the portion of the termination liability that is applied as a nonrecurring charge when services are discontinued prior to the expiration of the specified liability period. The term "Termination Liability" as used in connection with the application of termination charges for Private Line Services denotes the maximum potential charge applicable for the discontinuance, either at the request of the customer or by the Company under its terms and conditions concerning cancellation for cause, of service or facilities provided by the Company.

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#### TEST EQUIPMENT

The term "Test Equipment" denotes test equipment located at the premises of the customer that is used by the customer for the detection and/or isolation of a communications service fault.

#### WIRE CENTER SERVING AREA

The term "Wire Center Serving Area" denotes, in most cases, that area of the exchange served by a single wire center. In certain highly concentrated exchanges where wire centers are in close proximity, more than one wire center may be included in the wire center serving area.

### B 2 . 6 C o n n e c t i o n s

#### B 2 . 6 . 1 G e n e r a l P r o v i s i o n s

##### A . G e n e r a l

1. Terminal equipment and communications systems provided by the customer, authorized user, or joint user may be connected at the Customer's premises to private line services furnished by the Company where such connections are made in accordance with the provisions of B 2 . 1 . 4 preceding and this B 2 . 6 .

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## B2. TERMS AND CONDITIONS

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### B2.6 Connections (Contd)

#### B2.6.1 General Provisions (Contd)

##### A. General (Contd)

2. The term "telecommunications services" when used in this B2.6 denotes exchange service, Long Distance Message Telecommunications Service (LDM TS) and Wide Area Telecommunications Service (WATS).
3. Any equipment offered herein which has grandfathered status under the Federal Communications Commission's Registration Program is offered and provided only to the extent of available stock.

##### B. Responsibility of the Customer

1. The customer, authorized user or joint user shall be responsible for the installation, operation and maintenance of any terminal equipment or communications system or any terminal equipment or interstate communications system provided by an OC in B2.6.11.C. following. No combination of terminal equipment or communications system shall require change in or alteration of the equipment or services of the Company, cause electrical hazards to Company personnel, damage to Company equipment, malfunction of Company billing equipment, or degradation of service to persons other than the user of the subject terminal equipment or communications system, his calling or called party. Upon notice from the Company that the terminal equipment or communications system is causing such hazard, damage, malfunction or degradation of service, the Customer shall make such change as shall be necessary to remove or prevent such hazard, damage, malfunction or degradation of service.
2. Where the customer, authorized user or joint user elects to provide data set(s) on a given Company-provided private line, it shall be the responsibility of the customer, authorized user or joint user to ensure the continuing compatibility of such data set(s) with the private line service furnished by the Company.
3. The Customer shall be responsible for the payment of a Maintenance of Service Charge as provided in B2.6.12 for visits by a Company employee to the premises of a customer, authorized user, joint user, or OC listed in B2.6.11.C. following when a service difficulty or trouble report results from the use of terminal equipment or communications system provided by the customer, authorized user, joint user, or OC.
4. The consent of the customer must be obtained by the authorized user or joint user or OC prior to the connection of terminal equipment or communications systems to a private line provided to the customer.
5. Where private line services furnished by the Company are used in the provision of a composite data service for others and connection of those private line services is made to a communications system provided by an Other Carrier and the connection is made through data switching equipment, the terms and conditions specified in B2.6.11.C. following are not applicable.
6. The customer who provides the Premises Wiring of Communications Systems subject to Part 68 of the Federal Communications Commission's Rules and Regulations pursuant to Section 68.215 of Chapter I of Title 47 of that Code of Federal Regulations shall be responsible for the payment of an Institutional Program for Premises Wiring Charge, as provided in B2.6.13 for activities performed by Company employees at the customer's premises pursuant to subsections (f), (g) and/or (h) of said Section 68.215, when the premises wiring in question has failed acceptance tests monitored by, or participated in by, the Company pursuant to Section 68.215, and/or has been revealed to be not in conformance with the information provided in the related affidavit which was provided pursuant to Section 68.215, and/or has resulted in a harm to the network.

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## B2. TERMS AND CONDITIONS

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### B2.6 Connections (Cont'd)

#### B2.6.1 General Provisions (Cont'd)

##### C. Responsibility of the Company

1. Private line services are not represented as adapted to the use of terminal equipment or communications systems. When such terminal equipment or communications systems are used with private line services, the responsibility of the Company shall be limited to the furnishing of service components suitable for private line services and to the maintenance and operation of service components in a manner proper for such services. Subject to this responsibility the Company shall not be responsible for (1) the through transmission of signals generated by the terminal equipment or communications systems or for the quality of, or defects in, such transmission, or (2) the reception of signals by terminal equipment or communications systems, or (3) address signaling where such signaling is performed tone type signaling equipment provided by the customer, authorized user, joint user, or OC listed in B2.6.11.C. following.
2. The Company will, at the customer's request, provide information concerning interface parameters, including the number of ringers which may be connected to a particular line, needed to permit the terminal equipment to operate in a manner compatible with the telecommunications network.
3. The Company may make changes in its telecommunications network, equipment, operations or procedures, where such action is not inconsistent with Part 68 of the Federal Communications Commission's Rules and Regulations. If such changes can be reasonably expected to render any terminal equipment or communications system incompatible with the telecommunications network, or require modification or alteration of such terminal equipment or communications systems, or otherwise materially affect its use or performance, the customer will be given adequate notice in writing, to allow the customer an opportunity to maintain uninterrupted service.

##### D. Recording of Two-Way Telephone Conversations

Private line services are not represented as adapted to the recording of two-way telephone conversations. When voice recording equipment is used with a private line service which is connected to telecommunications services, the provisions relating to Recording of Two-Way Telephone Conversations as set forth in A15.1.1.D of the General Exchange Guidebook are applicable to such private line service.

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##### E. Violation of Terms and Conditions

When any terminal equipment or communications system provided by a customer, authorized user or joint user or any terminal equipment or interstate communications systems provided by an OC listed in B2.6.11 following is used with private line services furnished by the Company and any of the provisions in B2.6 are violated the Company will take such immediate action as necessary for the protection of its facilities and will promptly notify the customer, authorized user, joint user of the violation. The customer, authorized user, or joint user shall take such steps as are necessary to discontinue such use of the equipment or system or correct the violation and shall confirm in writing to the Company within 10 days, following the receipt of written notice from the Company, that such use has ceased or that the violation has been corrected. Failure to discontinue such use or to correct the violation and to give the required written confirmation to the Company within the time stated preceding shall result in suspension of the customer's, authorized user's, or joint user's service until such time as there is compliance with the provisions of this Guidebook.

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## B2. TERMS AND CONDITIONS

### B2.6 Connections (Contd)

#### B2.6.1 General Provisions (Contd)

##### F. Definitions

###### Grandfathered Communications Systems

The term "Grandfathered Communications Systems" as used in this Guidebook denotes communications system (including their equipment, premises wiring and protective circuitry, if any) connected at the customer's premises, in accordance with any Telephone Company's tariffs, and that are considered to be grandfathered under Part 68 of the Federal Communications Commission's Rules and Regulations because, (a) such systems were connected to the telecommunications network or the private line services specified in B2.6.2.A. following prior to January 1, 1980 and were of a type system which was directly connected (i.e. without connecting arrangements) to the telecommunications network or the private line services specified in B2.6.2.A. following as of June 1, 1978, or (b) such systems are connected to the private line services specified in B2.6.2.B. or B2.6.2.C. following prior to May 1, 1983 and are of a type system which was directly connected (i.e. without connecting arrangements) to the private line services specified in B2.6.2.B. or B2.6.2.C. following as of April 30, 1980.

###### Grandfathered Connections of Communications Systems

The term "Grandfathered Connections of Communications Systems" as used in this Guidebook denotes connections via connecting arrangements of communications systems (including their equipment and premises wiring) at the customer's premises, in accordance with any Telephone Company's tariffs, and that are considered to be grandfathered under Part 68 of the Federal Communications Commission's Rules and Regulations because (a) such connections to the telecommunications network or the private line services specified in B2.6.2.A. following were made via connecting arrangements prior to January 1, 1980 and such connecting arrangements are of a type of connecting arrangement connected to the telecommunications network or the private line services specified in B2.6.2.A. following as of June 1, 1978, or (b) such connections to the private line services specified in B2.6.2.B. or B2.6.2.C. following are made via connecting arrangements prior to May 1, 1983 and such connecting arrangements are of a type of connecting arrangement connected to the private line services specified in B2.6.2.B. or B2.6.2.C. following as of April 30, 1980.

###### Grandfathered Terminal Equipment

The term "Grandfathered Terminal Equipment" as used in this Guidebook denotes terminal equipment (including protective circuitry, if any) connected at the customer's premises, in accordance with any Telephone Company's Tariffs, and that is considered to be grandfathered under Part 68 of the Federal Communications Commission's Rules and Regulations because (a) such terminal equipment was connected to the telecommunications network or the private line services in B2.6.2.A. following prior to July 1, 1979 and was of a type of terminal equipment which was directly connected (i.e. without connecting arrangements) to the telecommunications network or the private line services specified in B2.6.2.A. following as of October 17, 1977, or (b) such terminal equipment is connected to the private line services specified in B2.6.2.B. or B2.6.2.C. following prior to May 1, 1983 and is of a type of terminal equipment which was directly connected (i.e. without connecting arrangements) to the private line services specified in B2.6.2.B. or B2.6.2.C. following as of April 30, 1980.

###### Grandfathered Connections of Terminal Equipment

The term "Grandfathered Connections of Terminal Equipment" as used in this Guidebook denotes connections via connecting arrangements of terminal equipment connected at the customer's premises, in accordance with any telephone company's tariffs, and that are considered to be grandfathered under Part 68 of the Federal Communications Commission's Rules and Regulations because, (a) such connections to the telecommunications network or the private line services specified in B2.6.2.B. following were made via connecting arrangements prior to July 1, 1979 and such connecting arrangements are of a type of connecting arrangement connected to the telecommunications network or the private line services specified in B2.6.2.B. following as of October 17, 1977, or (b) such connections to the private line services specified in B2.6.2.C. or B2.6.2.D. following are made via connecting arrangements prior to May 1, 1983 and such connecting arrangement connected to the private line services specified in B2.6.2.C. or B2.6.2.D. following as of April 30, 1980.

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## B 2 . T E R M S A N D C O N D I T I O N S

### B 2 . 6 C o n n e c t i o n s ( C o n t d )

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#### B 2 . 6 . 1 G e n e r a l P r o v i s i o n s ( C o n t d )

##### F . D e f i n i t i o n s ( C o n t d )

###### Registered

The term "Registered" as used in this Guidebook denotes equipment which complies with and has been approved within the Registration provisions of Part 68 of the Federal Communications Commission's Rules and Regulations.

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G . Term inal equipment, communications systems and premises wiring may be connected in an interpositioned configuration to those private line services specified in B 2 . 6 . 2 and B 2 . 6 . 3 following.

H . Connection of term inal equipment shall not require any change or alteration in Company-provided equipment or services, unless permitted under the provisions of B 2 . 6 . 6 .

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#### B 2 . 6 . 2 C o n n e c t i o n s o f R e g i s t e r e d E q u i p m e n t

A . Term inal equipment, protective circuitry, and communications systems that are registered may be connected to those private line services specified in B . , C . , or D . following, subject to B 2 . 6 . 1 preceding and this B 2 . 6 . 2 ; and further subject to A 1 5 . 1 . 2 , Connections of Registered Equipment, of the General Exchange Guidebook .

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B . The connection may be made only at the customer's premises to private line services that present a two wire or four wire loop signaling interface for such connection under the following conditions:

- 1 . Registered term inal equipment, registered protective circuitry, and registered key telephone system may be connected to the station end of private line services furnished in connection with off-premises stations.
- 2 . Registered PBX System may be connected, as a trunk termination, to the station end of private line services furnished in connection with off-premises stations.
- 3 . Registered term inal equipment, registered protective circuitry, and registered key telephone system may be connected to CCSA or EPSCS access lines. A channel may be utilized with registered term inal equipment, registered protective circuitry and registered communications systems which are connected to the exchange telephone service associated with such channels.

C . The connection of registered term inal equipment and registered PBX system may be made only at the customer's premises to private line services that present an interface for either two wire or four wire transmission, with separate E and M signaling leads conventionally known as Type I (battery/ground) or Type II (contact closure type). Such E and M signaling leads are those term inal equipment or PBX leads (other than voice or data communications leads) used for the purpose of transferring supervisory or address signals across the interface.

D . The connection of registered term inal equipment and registered PBX system may be made only at the customer's premises to a Series 1000 and 2000 private line service furnished to provide indications of message registration of outgoing calls or automatic identification of outward dialing (A I O D ) to such equipment or systems.

- 1 . In addition, customers, who intend to install, perform additions to, or make rearrangements of A I O D functions shall give advance notice to the Company in accordance with the procedures specified in Part 68 of the Federal Communications Commission's Rules and Regulations or as otherwise authorized by the Federal Communications Commission.

#### B 2 . 6 . 3 C o n n e c t i o n s o f G r a n d f a t h e r e d T e r m i n a l E q u i p m e n t a n d G r a n d f a t h e r e d C o m m u n i c a t i o n s S y s t e m s

##### A . D i r e c t C o n n e c t i o n s

- 1 . Grandfathered term inal equipment and grandfathered communications systems, directly connected to the private line services specified in B 2 . 6 . 2 A . preceding are subject to A 1 5 . 1 . 3 A . , Connections of Grandfathered Term inal Equipment and Grandfathered Communications Systems, of the General Exchange Guidebook . Such connections are subject to the minimum protection criteria set forth in B 2 . 6 . 4 F . , following.

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## B2. TERMS AND CONDITIONS

(T)

### B2.6 Connections (Cont'd)

#### B2.6.3 Connections of Grandfathered Terminal Equipment and Grandfathered Communications Systems (Cont'd)

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

2. Grandfathered terminal equipment and grandfathered communications systems, directly connected to the private line services specified in B2.6.2.B. and C. preceding on April 30, 1980, may remain connected for the life of the equipment without registration, and may be modified only in accordance with Part 68 of the Federal Communications Commission's Rules and Regulations, subject to the following:
  - a. All such connections shall comply with the minimum protection criteria set forth in B2.6.4.F. following.
  - b. No changes may be made to equipment so connected except by the manufacturer thereof, or a duly authorized agent of the manufacturer.
3. Until May 1, 1983, new installations of terminal equipment or communications systems which have been grandfathered may be connected for use with the private line services specified in B2.6.2.B. and C. preceding, subject to the following:
  - a. The customer shall notify the Company when such equipment or systems are to be connected and shall notify the Company when such equipment or systems are to be permanently disconnected; such notifications shall include a description of the equipment including the manufacturer's name, model number, and type of equipment;
  - b. All such connections are made through standard jacks or are otherwise connected by the Company;
  - c. All such connections shall comply with the minimum protection criteria set forth in B2.6.4.F. following;
  - d. Premises wiring associated with communications systems shall conform to Part 68 of the Federal Communications Commission's Rules and Regulations;
  - e. No changes may be made to equipment so connected except by the manufacturer thereof, or a duly authorized agent of the manufacturer.
4. Additions to grandfathered terminal equipment or grandfathered communications systems specified in 2. and 3. preceding may be made, subject to 3.a. through e. preceding and to the following:
  - a. Until May 1, 1983, where the equipment being added is of a type which has been grandfathered, and
  - b. After May 1, 1983, where the equipment being added is grandfathered.
  - c. Additions of registered equipment is subject to B2.6.2 preceding.
5. Systems connected pursuant to 2. through 4. preceding may remain connected and be moved and reconnected, in accordance with 3.a. through e. preceding, for the life of the equipment and may be modified only in accordance with Part 68 of the Federal Communications Commission's Rules and Regulations.
6. Terminal equipment and communications systems connected via grandfathered protective circuitry are subject to the provisions of 1. through 5. preceding.



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## B2. TERMS AND CONDITIONS

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### B2.6 Connections (Cont'd)

#### B2.6.3 Connections of Grandfathered Terminal Equipment and Grandfathered Communications Systems (Cont'd)

##### B. Connections Through Connecting Arrangements Provided by the Company

1. Grandfathered connections of terminal equipment and grandfathered connections of communications systems to the private line services specified in B2.6.2.A. preceding are subject to A15.1.3, Connections of Grandfathered Terminal Equipment and Grandfathered Communications Systems, of the General Exchange Guidebook. Such connections are subject to the minimum protection criteria set forth in B2.6.4.F. following. (T)
2. Grandfathered connections of terminal equipment and grandfathered connections of communications systems to the private line services specified in B2.6.2.B. and C. preceding are subject to the following:
  - a. Until May 1, 1983, the Company will provide connecting arrangements for installations of new terminal equipment or communications systems that are subject to Part 68 of the Federal Communications Commission's Rules and Regulations. However, after May 1, 1983, connecting arrangements will only be provided to the extent that such connecting arrangements are available, to reconnect terminal equipment or communications systems which were previously connected to the private line services specified in B2.6.2.B. or C. preceding through connecting arrangements prior to May 1, 1983.
  - b. Grandfathered connections of terminal equipment and grandfathered connections of communications systems made in accordance with a. preceding may remain connected and be moved and reconnected for the life of the equipment and may be modified only in accordance with Part 68 of the Federal Communications Commission's Rules and Regulations. Connecting arrangements used for such moves and reconnections will continue to be provided by the Company subject to their availability, at the rates and charges specified in Section B103. and Section A15. of the General Exchange Guidebook. (T)
  - c. Network control signaling shall be performed by the connecting equipment furnished, installed and maintained by the Company, except that customer-provided tone-type address signaling is permissible through a connecting arrangement.
  - d. The connections specified in a. through c. preceding must comply with the minimum protection criteria specified in B2.6.4.F. following.

#### B2.6.4 Connections of Terminal Equipment and Communications Systems not subject to the FCC Registration Program

##### A. General

1. Connecting arrangements are not required and minimum protection criteria are not applicable where terminal equipment or communications systems are connected with the following channels when such channels are used for the types of transmission specified herein due to the nature of the service provided and/or the type of channels and equipment used.
  - Type 1001 through Type 1002 Channels (See B103.3) (T)
  - Type 1109 through Type 1010 Channels (See Type 1204 and 1205 in B103.9) (T)
  - Type 1101 through Type 1102 Channels (See B103.2) (T)
  - Type 1109 through Type 1110 Channels (See Type 1204 and 1205 in B103.9) (T)
  - Type 5101 through Type 5102 Channels (See B103.3.3) (T)
  - Type 6100 Channels (See B103.2.6) (T)

Channels used for Mobile Radio Telephone Service

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## B 2 . T E R M S A N D C O N D I T I O N S

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### B 2 . 6 C o n n e c t i o n s ( C o n t d )

#### B 2 . 6 . 4 C o n n e c t i o n s o f T e r m i n a l E q u i p m e n t a n d C o m m u n i c a t i o n s S y s t e m s n o t s u b j e c t t o t h e F C C R e g i s t r a t i o n P r o g r a m . ( C o n t d )

##### A . G e n e r a l ( C o n t d )

2. Except as otherwise provided in B 2 . 6 . 2 and B 2 . 6 . 3 preceding, terminal equipment and communications systems may be electrically connected to private line services in accordance with this B 2 . 6 . 4 .
  - a. When the terminal equipment or communications system is connected with private line service furnished by the Company and such private line service is not arranged for connection to telecommunications services, such connections shall be made to an interface provided by the Company.
  - b. When the terminal equipment or communications system is connected with private line service furnished by the Company and such private line service is arranged for connection to telecommunications services:
    - (1) Except as specified in B 2 . 6 . 4 A 1 . preceding and B 2 . 6 . 4 D 1 d . following, such connections shall be made through a connecting arrangement as provided in this B 2 . 6 . 4 .
    - (2) For terminal equipment the connection shall be such that the functions of network control signaling (except custom er-provided tone type address signaling through a Company-provided connecting arrangement) are performed by equipment furnished by the Company.
  - c. Terminal equipment or communications systems connected pursuant to a. or b. preceding must comply with the minimum protection criteria specified in F . following.

##### B . D a t a T e r m i n a l E q u i p m e n t

Data terminal equipment (including telephotograph equipment) may be connected at the customer's premises to private line service through a network control signaling unit and a data access arrangement provided by the in accordance with the following when such private line service is arranged as provided in A 2 b . preceding.

1. The Customer shall furnish the equipment which performs the functions of:
  - a. Conditioning the data signals generated by the terminal equipment to signals suitable for transmission by means of Company services, and
  - b. Conditioning signals transmitted by means of Company services to data signals suitable for reception by the terminal equipment.
2. Where a data access arrangement is furnished in connection with terminal equipment and such terminal equipment is used for both voice and data communication, the data access arrangement may be used to connect the terminal equipment for voice communication.

##### C . V o i c e T e r m i n a l E q u i p m e n t

1. Voice terminal equipment may be connected at the customer's premises to private line service in accordance with the following when such private line service is arranged as provided in A 2 b . preceding.
  - a. The connection shall be made through a network control signaling unit and a connecting arrangement furnished by the Company.
2. A tested Equipment and Conforming Answering Devices may be used with private line service subject to the provisions of A 1 5 . 1 . 3 D . of the General Exchange Guidebook.

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## B2. TERMS AND CONDITIONS

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### B2.6 Connections (Cont'd)

#### B2.6.4 Connections of Terminal Equipment and Communications Systems not subject to the FCC Registration Program (Cont'd)

##### D. Communications Systems

1. Communications systems may be connected (other than communications systems connected pursuant to B2.6.2 and B2.6.3 preceding) to private line service in accordance with the provisions of this Guidebook. These communications systems (including channels derived from such systems), not exceeding voice grade, may be connected at the Customer's or authorized user's premises where the customer, authorized user or joint user has a regular and continuing requirement for the origination or termination of communications over the communications system provided that:

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- a. The normal mode of operation of the communications systems shall be to provide communications originating or terminating at the premises on which the connection is made.
- b. The connection shall be made through switching equipment provided either by the Customer, or authorized user or by the Company.
- c. The connection shall be to channels of a Type lower than 6000 furnished by the Company or to channels created therefrom in accordance with the provisions of B2.2.6 preceding.
- d. When the private line service is arranged as provided in B2.6.4 A 2 b. preceding, the connection is made through:
  - (1) a connecting arrangement, or
  - (2) registered or grandfathered terminal equipment, communications system, or protective circuitry which, either singularly or in combination assures that the requirements of Part 68 of the Federal Communications Commission's Rules and Regulations are met at the private line interface.

Minimum protection criteria as set forth in f. following must be complied with when the connection is made through equipment or systems that are not registered.

In lieu of these requirements for total hardware protection, an optional, alternative method, as described in e. following, is available for the control of signal power only.

- e. When communications systems not subject to Part 68 of the Federal Communications Commission's Rules and Regulations are connected to private line services that are arranged as provided in B2.6.4 A 2 b. preceding and the connection is through (a) a connecting arrangement or (b) registered or grandfathered terminal equipment, communications system or protective circuitry which assures that all of the requirements of Part 68 of the Federal Communications Commission's Rules and Regulations are met at the private line service interface, no further action is required. However, when a customer elects to connect a communications system to private line service and the registered or grandfathered equipment, communications system or protective circuitry through which the connection is made does not provide protection for signal power control, the customer must comply with the following institutional procedures:
  - (1) The communications system must be installed, operated and maintained so that the signal power (within the frequency range of 200-4000 Hertz) at the private line service interface continuously complies with Part 68 of the Federal Communications Commission's Rules and Regulations.

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## B2. TERMS AND CONDITIONS

(r)

### B2.6 Connections (Cont'd)

#### B2.6.4 Connections of Terminal Equipment and Communications Systems not subject to the FCC Registration Program (Cont'd)

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

##### 1. (Cont'd)

##### e. (Cont'd)

- (2) The operator(s)/maintainer(s) responsible for the establishment, maintenance and adjustment of the voice frequency signal power present at the private line service interface must be trained to perform these functions by successfully completing one of the following:

a training course provided by the manufacturer of the equipment used to control voice frequency signal power; or

a training course provided by the customer or authorized representative, who has responsibility for the entire communications system, using training materials and instructions provided by the manufacturer of the equipment used to control the voice frequency signal power; or

an independent training course (e.g., trade school or technical institution) recognized by the manufacturer of the equipment used to control the voice frequency signal power; or

in lieu of the preceding training requirements, the operator(s)/maintainer(s) is under the control of a supervisor trained in accordance with the three preceding requirements.

Upon request the customer is required to provide the proper documentation to demonstrate compliance with the requirements of this Guidebook.

(r)

- (3) At least 10 days advance notice must be given to the Company in the form of a notarized affidavit before the initial connection of the communications system. A copy of the affidavit must also be maintained at the customer's premises. The affidavit must contain the following information:

The full name, business address, business telephone number and signature of the customer or authorized representative who has responsibility for the operation and maintenance of the communications system.

The line(s) which the communications system will either be connected to or arranged for connection to.

A statement that all operations associated with the establishment, maintenance and adjustment of the signal power present at the private line service interface will comply with Part 68 of the Federal Communications Commission's Rules and Regulations.

A statement describing how each operator/maintainer of the communications system will meet and continue to meet the training requirements for persons installing, adjusting or maintaining the communications system.

##### f. Extraordinary Procedures

- (1) The Company may invoke extraordinary procedures to protect the private line service where one or more of the following conditions are present:

Information provided in the affidavit gives reason to believe that a violation of Part 68 of the Federal Communications Commission's Rules and Regulations or the Institutional Procedures set forth in e. preceding is likely.

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## B 2 . T E R M S A N D C O N D I T I O N S

(T)

### B 2 . 6 C o n n e c t i o n s ( C o n t d )

#### B 2 . 6 . 4 C o n n e c t i o n s o f T e r m i n a l E q u i p m e n t a n d C o m m u n i c a t i o n s S y s t e m s n o t s u b j e c t t o t h e F C C R e g i s t r a t i o n P r o g r a m ( C o n t d )

##### D . C o m m u n i c a t i o n s S y s t e m s ( C o n t d )

##### 1 . ( C o n t d )

##### f . E x t r a o r d i n a r y P r o c e d u r e s ( C o n t d )

##### ( 1 ) ( C o n t d )

Harm has occurred and there is reason to believe this harm was a result of operations performed under the Institutional Procedures set forth in e. preceding.

##### ( 2 ) T h e e x t r a o r d i n a r y p r o c e d u r e s w h i c h c a n b e i n v o k e d b y t h e C o m p a n y i n c l u d e :

Requiring the use of protective apparatus which either protects solely against signal power or which assures that all of the requirements of Part 68 are met at the private line service interface. This protective apparatus may be provided by either the Company or the customer.

Disconnecting service

##### ( 3 ) A c h a r g e e q u a l t o t h e T r o u b l e L o c a t i o n c h a r g e a s p r o v i d e d i n B 2 . 6 . 1 2 w i l l a p p l y w h e n :

It is necessary to send a Company employee to the premises where the connection is made because a condition set forth in (1) preceding exists, and

A failure to comply with Part 68 of the Federal Communications Commission's Rules and Regulations or the Institutional Procedures for signal power control in e. preceding is disclosed.

##### 2 . ( D E L E T E D )

##### 3 . C o m m u n i c a t i o n s s y s t e m s m a y b e c o n n e c t e d t h r o u g h c o n n e c t i n g a n a r r a n g e m e n t s w i t h T y p e 1 0 0 0 1 C h a n n e l s ( E n t r a n c e F a c i l i t i e s ) f u r n i s h e d f o r t h e p u r p o s e o f e x t e n d i n g t h e c o m m u n i c a t i o n s s y s t e m t o a p r e m i s e s o f t h e c u s t o m e r o r a u t h o r i z e d u s e r . T h e T y p e 1 0 0 0 1 c h a n n e l o r c h a n n e l s c r e a t e d t h e r e f r o m i n a c c o r d a n c e w i t h t h e p r o v i s i o n s o f B 2 . 2 . 6 p r e c e d i n g m a y b e c o n n e c t e d a t s u c h c u s t o m e r ' s o r a u t h o r i z e d u s e r ' s p r e m i s e s t o o t h e r c o m m u n i c a t i o n s s y s t e m s i n a c c o r d a n c e w i t h 1 . p r e c e d i n g .

##### 4 . A t t h e c u s t o m e r ' s r e q u e s t a n d w h e r e a p r i v a t e l i n e i s a n a r r a n g e d f o r j o i n t u s e a s s e t f o r t h i n B 1 0 3 . 1 . 5 , a j o i n t u s e r o f s u c h s e r v i c e m a y c o n n e c t h i s o w n c o m m u n i c a t i o n s s y s t e m t o s u c h j o i n t l y u s e d p r i v a t e l i n e o n t h e s a m e b a s i s a s s e t f o r t h i n A 2 . a n d D 1 . p r e c e d i n g a n d F . f o l l o w i n g .

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**B2. TERMS AND CONDITIONS**

(T)

**B2.6 Connections (Contd)****B2.6.4 Connections of Terminal Equipment and Communications Systems not subject to the FCC Registration Program (Contd)****D. Communications Systems (Contd)**

5. A communications system provided by an authorized user may be connected at the premises of the authorized user to private line service furnished by the Company to a Customer on which the authorized user has a station provided that:
  - a. The Customer has a regular and continuing requirement for communications originating or terminating at the authorized user's premises at which the connection is made.
  - b. The normal mode of operation of the authorized user-provided communications system shall be to provide communications originating or terminating at the premises on which connection is made.
  - c. The connection shall be made through switching equipment provided by the Customer or authorized user or by the Company.
  - d. The connection shall be to channels of a Type number lower than 6000 furnished by the Company or to channels created therefrom in accordance with the provisions of B2.2.6 preceding.
  - e. The connection shall be made on the same basis as set forth for the Customer in A.2. preceding and F. following, or as set forth in 1.d. preceding.
  - f. All communications over the interconnected facilities shall be between the Customer and authorized user and relate directly to the Customer's business.

**E. Accessories**

Accessories provided by a Customer, authorized user, or joint user may be used with private line service provided that such accessories comply with the provisions of B2.6.1.B and B2.6.4.A.2.b.(2). preceding.

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## B 2 . T E R M S A N D C O N D I T I O N S

(T)

### B 2 . 6 C o n n e c t i o n s ( C o n t d )

#### B 2 . 6 . 4 C o n n e c t i o n s o f T e r m i n a l E q u i p m e n t a n d C o m m u n i c a t i o n s S y s t e m s n o t s u b j e c t t o t h e F C C R e g i s t r a t i o n P r o g r a m . ( C o n t d )

##### F . M i n i m u m P r o t e c t i o n C r i t e r i a f o r E l e c t r i c a l C o n n e c t i o n s

1. Since private line services utilize Company channels and equipment in common with other services, it is necessary in order to prevent excessive noise and crosstalk that the power of the signal applied to the Company private line service is individually engineered, a single valued limit for all applications cannot be specified. Therefore, the power of the signal in the band above 300 Hertz which may be applied by the equipment to the interface will be specified by the Company for each application to be consistent with the signal power allowed on the telecommunications network.
2. To protect other services, it is necessary that the signal which is applied by the equipment to the Company interface located on the Customer's premises meet the following limits:
  - a. The power in the band from 3,995 Hertz to 4,005 Hertz shall be at least 18dB below the power of the signal as specified in 1. above.
  - b. The power in the band from 4,005 Hertz to 10,000 Hertz shall not exceed 16dB below one milliwatt.
  - c. The power in the band from 10,000 Hertz to 25,000 Hertz shall not exceed 24dB below one milliwatt.
  - d. The power in the band from 25,000 Hertz to 40,000 Hertz shall not exceed 36dB below one milliwatt.
  - e. The power in the band above 40,000 Hertz shall not exceed 50dB below one milliwatt.
3. Where there is connection to telecommunications services, to prevent the interruption or disconnection of a call, or interference with network control signaling, it is necessary that the signal applied by the equipment to the Company interface located on the Customer's premises at no time have energy solely in the 2450 to 2750 Hertz band. If signal power is in the 2450 to 2750 Hertz band, it must not exceed the power present at the same time in the 800 to 2450 Hertz band.
4. Where equipment applies signals having components in the frequency spectrum below 300 Hertz, excluding ringing signals, the currents and voltages (including all harmonics and spurious signals) at the interface shall not exceed the limits indicated in a. through d. following:
  - a. The maximum rms (root-mean-square) value, including DC and AC components, of the current per conductor will be specified by the Company but in no case will the specified value exceed 0.35 amperes.
  - b. The magnitude of the peak of the conductor to ground voltage shall not exceed 70 volts.
  - c. The conductor to conductor voltage shall be such that the conductor to ground voltage limit in b. preceding is not exceeded. If the signal source is not grounded, the voltage limit in b. preceding applies to the conductor-to-conductor voltage.

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## B2. TERMS AND CONDITIONS

(T)

### B2.6 Connections (Cont'd)

#### B2.6.4 Connections of Terminal Equipment and Communications Systems not subject to the FCC Registration Program (Cont'd)

##### F. Minimum Protection Criteria for Electrical Connections (Cont'd)

###### 4. (Cont'd)

- d. The total weighted rms voltage within the band from 50 Hertz to 300 Hertz shall not exceed 100 volts. The total weighted rms voltage is the square root of the sum of the products of the weighting factors for the individual frequency components times the square of the rms voltage of the individual frequency components. The weighting factors are as indicated:

For Frequencies Between	Weighting Factor
50 Hertz and 100 Hertz	$f^2/10^4$
100 Hertz and 300 Hertz	$f^3/10^{6.6}$

Where  $f$  is the numerical value of the frequency, in Hertz, of the frequency component being weighted.

##### G. Acoustic or Inductive Connections

###### 1. General

- a. Voice or data terminal equipment (including telephotograph equipment) may be acoustically or inductively connected at the Customer's premises to a private line service provided the acoustic or inductive connection is made externally to the network control signaling unit when such unit is provided by the Company.
- b. Communications systems may be acoustically or inductively connected with private line service as specified herein provided the acoustic or inductive connection is made externally to the network control signaling unit when such unit is provided by the Company.
- c. Communications systems may be connected at premises of the Customer, authorized user, or joint user where the customer has a regular and continuing requirement for the origination or termination of communications over the communications system provided that:
  - (1) The normal mode of operation of the communications system shall be to provide communications originating or terminating at the premises on which the connection is made.
  - (2) The connection shall be to channels of a Type number lower than 6000 furnished by the Company.
- d. At the customer's request and where a private line is arranged for joint use as set forth in B3.1.5, a joint user of such service may acoustically or inductively connect a communications system to such jointly used private line on the same basis as set forth for the customer in b. preceding.
- e. A communications system may be acoustically or inductively connected at the premises of the authorized user with Company facilities for private line service, on which the authorized user has a station, provided that:
  - (1) The normal mode of operation of the communications system shall be to provide communications originating or terminating at the premises on which the connection is made.
  - (2) The customer has a regular and continuing requirement for communications originating or terminating at the authorized user's premises at which the connection is made.



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## B2. TERMS AND CONDITIONS

(T)

### B2.6 Connections (Cont'd)

#### B2.6.4 Connections of Terminal Equipment and Communications Systems not subject to the FCC Registration Program (Cont'd)

##### G. Acoustic or Inductive Connections (Cont'd)

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

###### e. (Cont'd)

- (3) The connection shall be to channels of a Type number lower than 6000 furnished by the Company.
- (4) The connection shall be made on the same basis as set forth for the customer in b. preceding.
- (5) All communications over the interconnected facilities shall be between the customer and authorized user and relate directly to the customer's business.

f. Customer-provided tone-type address signaling is permitted through such connections, however, the services of the Company are not designed for such use and the Company makes no representation as to the reliability of address signaling which is performed in such manner.

###### 2. Minimum Protection Criteria

a. Since private line services utilize Company channels and equipment in common with other services it is necessary in order to prevent excessive noise and crosstalk that the power of the signal applied to the Company private line service be limited. Because each private line service is individually engineered a single valued limit for all applications cannot be specified. Therefore, the power of the signal which may be applied by the equipment to the interface will be specified by the Company for each application to be consistent with the signal power allowed on the telecommunication network.

b. To protect other services, it is necessary that the signal which is applied by the equipment to the interface located on the Customer's premises meet the following limits at the output of the network control signaling unit:

- (1) The power in the band from 3,995 Hertz to 4,005 Hertz shall be at least 18dB below the power of the signal as specified in a. preceding.
- (2) The power in the band from 4,005 Hertz to 10,000 Hertz shall not exceed 16dB below one milliwatt.
- (3) The power in the band from 10,000 Hertz to 25,000 Hertz shall not exceed 24dB below one milliwatt.
- (4) The power in the band from 25,000 Hertz to 40,000 Hertz shall not exceed 36dB below one milliwatt.
- (5) The power in the band above 40,000 Hertz shall not exceed 50dB below one milliwatt.

c. When there is connection to telecommunication service, to prevent the interruption or disconnection of a call, or interference with network control signaling, it is necessary that the signal applied by the equipment to the Company-provided voice transmitting and receiving equipment located on the Customer's premises be limited so that the signal at the output of the Company-provided voice transmitting and receiving equipment shall at no time have energy solely in the 2450 to 2750 Hertz band. If there is signal power at the output of the Company-provided voice transmitting and receiving equipment in the 2450 to 2750 Hertz band, it must not exceed the power present at the same time in the 800 to 2450 Hertz band.

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## B 2 . T E R M S A N D C O N D I T I O N S

(T)

### B 2 . 6 C o n n e c t i o n s ( C o n t d )

#### B 2 . 6 . 5 C h a n n e l D e r i v a t i o n D e v i c e s

Customer-provided channel derivation devices which are used to create additional channels in accordance with B 2 . 2 . 6 , may be connected to private line service subject to B 2 . 6 . 1 , B 2 . 6 . 2 , and B 2 . 6 . 3 preceding.

#### B 2 . 6 . 6 E q u i p m e n t - t o - E q u i p m e n t C o n n e c t i o n s

- A . Equipment-to-equipment connections, as defined in B 2 . 6 . 1 F preceding, may be connected to telecommunications services when such arrangements are in compliance with Part 68 of the Federal Communications Commissions Rules and Regulations, this Section B 2 . 6 and Section A 15 . of the General Subscriber Service Tariff.

#### B 2 . 6 . 7 C o n n e c t i o n s o f C e r t a i n F a c i l i t i e s o f P o w e r , P i p e L i n e a n d R a i l r o a d C o m p a n i e s<sup>1</sup>

- A . Facilities of an electric power company, an oil, oil products or natural gas pipe line company, or a railroad company provided primarily to communicate with points located along a right-of-way (including premises of such company anywhere in cities, towns or villages along the right-of-way) owned or controlled by such company may, in lieu of the provisions of B 2 . 6 . 3 and B 2 . 6 . 4 D preceding, be connected with service furnished by the Company to the same Customer, subject to the following:

1. Such connections will be made by means of switching or connecting equipment furnished by the Company.
2. Such Customer telephone facilities will be connected to private line services furnished by the Company for voice transmission and utilizing a Series 2000 channel, when furnished to the same Customer, for communications with stations associated with such services; provided, however, that facilities of the Customer will not be connected to a local or toll central office line to form a through connection except as follows:
  - a. In cases of emergency involving safety of life or property;
  - b. In cases of calls originated by railroad employees under circumstances indicating need for prompt action to secure or maintain the safety, continuity, or reliability of railroad service to the public, and related to the movement of passengers, mail, property, or equipment by railroad, or the repair, maintenance, or construction of railroad rights-of-way, structures, or equipment;
  - c. In cases where the Customer facilities serve locations where it is impracticable because of hazard or inaccessibility for the Company to furnish its facilities; and
  - d. During an interim period in cases where the Customer has arranged for replacement of said Customer facilities with facilities of the Company.
3. Telecommunications circuits of such companies will be connected to a local or toll central office line to form a through connection only through manual switching equipment, or an attendant's position of dial PBX equipment furnished to the Customer by the Company. Such equipment or position may be located at either or both ends of the Customer's circuit.
4. Connection of a telecommunications circuit of such companies as specified in 2 b., c. or d. preceding may be established at either end of such circuit, but shall not be established at both ends simultaneously.
5. Customer teletypewriter, telephotograph, data transmission, remote metering, supervisory control or miscellaneous signaling facilities will be connected to private line service furnished by the Company for such purposes to the same Customer.

Note 1: The provisions in A 15 . 1 . 9 B of the General Exchange Guidebook apply to terminal equipment and communications systems connected to those private line services specified in B 2 . 6 . 2 B preceding.

(T)

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## B 2 . T E R M S A N D C O N D I T I O N S

(T)

### B 2 . 6 C o n n e c t i o n s ( C o n t d )

#### B 2 . 6 . 7 C o n n e c t i o n s o f C e r t a i n F a c i l i t i e s o f P o w e r , P i p e L i n e a n d R a i l r o a d C o m p a n i e s <sup>1</sup> ( C o n t d )

##### A . ( C o n t d )

6. Company-provided private line services, when connected with facilities of the Customer, will not be used for communications of other than the Customer, except that such services may be used for the communications of, and be connected with services furnished by the Company to, other companies which:
  - a. Are operated with the Customer as parts of an integrated electric power, oil, oil products or natural gas system or railroad system under direct or common ownership or control; or
  - b. Own or operate an electric power or pipe line or railroad system jointly with the Customer; or
  - c. Own or operate electric power or pipe line or railroad facilities interconnected with those of the Customer.
  - d. Company-provided private line services when so connected may be connected to a local or toll central office line to form a through connection for communications of other companies specified in a., b., or c. preceding, including calls originated by employees of such companies only under the circumstances set forth in 2 a. and b. preceding.
7. Terminal equipment and communications systems connected to the private line services, specified in B 2 . 6 . 2 A . preceding in accordance with 1. through 6. preceding prior to January 1, 1980 may remain connected and be moved and reconnected for the life of the equipment without registration unless subsequently modified. New installations of terminal equipment or communications systems subject to Part 68 of the Federal Communications Commission's Rules and Regulations connected to such private line services must meet the requirements of Part 68 of the Federal Communications Commission's Rules and Regulations.
8. Effective May 1, 1983, new installations of, or additions to terminal equipment and communications systems subject to Part 68 of the Federal Communications Commission's Rules and Regulations, connected to the private line services specified in B 2 . 6 . 2 B . or C . preceding in accordance with 1. through 6. preceding, must meet the requirements of Part 68 of the Federal Communications Commission's Rules and Regulations.

#### B 2 . 6 . 8 C o n n e c t i o n s o f C e r t a i n F a c i l i t i e s o f t h e U . S . A r m y , N a v y , A i r F o r c e a n d N A S A <sup>2</sup>

- A . F a c i l i t i e s o f t h e U . S . D e p a r t m e n t o f t h e A r m y , N a v y o r A i r F o r c e a n d o f t h e N a t i o n a l A e r o n a u t i c s a n d S p a c e A d m i n i s t r a t i o n w i l l b e c o n n e c t e d w i t h s e r v i c e s f u r n i s h e d b y t h e C o m p a n y , i n l i e u o f t h e p r o v i s i o n s o f B 2 . 6 . 3 a n d B 2 . 6 . 4 D p r e c e d i n g , a s p r o v i d e d i n 1 . a n d 2 . f o l l o w i n g , w h e r e t h e S e c r e t a r y o f t h e a p p r o p r i a t e D e p a r t m e n t o r h i s a u t h o r i z e d r e p r e s e n t a t i v e , o r t h e A d m i n i s t r a t o r o f t h e N a t i o n a l A e r o n a u t i c s a n d S p a c e A d m i n i s t r a t i o n , o r a n a u t h o r i z e d r e p r e s e n t a t i v e , n o t i f i e s t h e C o m p a n y i n w r i t i n g t h a t s u c h c o n n e c t i o n i s r e q u i r e d f o r r e a s o n s o f m i l i t a r y n e c e s s i t y , o r f o r t h e c o n t r o l o f s p a c e v e h i c l e s . S u c h c o n n e c t i o n s w i l l b e m a d e b y m e a n s o f s w i t c h i n g o r c o n n e c t i n g e q u i p m e n t f u r n i s h e d b y t h e C o m p a n y .

Note 1: The provisions in A 15.1.9 B of the General Exchange Guidebook apply to terminal equipment and communications systems connected to those private line services specified in B 2 . 6 . 2 B preceding. (T)

Note 2: The provisions in A 15.1.10 B or A 15.1.11 B as appropriate, of the General Exchange Guidebook apply to terminal equipment and communications systems connected to those private line services specified in B 2 . 6 . 2 B preceding. (T)

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## B 2 . T E R M S A N D C O N D I T I O N S

(T)

### B 2 . 6 C o n n e c t i o n s ( C o n t d )

#### B 2 . 6 . 8 C o n n e c t i o n s o f C e r t a i n F a c i l i t i e s o f t h e U . S . A r m y , N a v y , A i r F o r c e a n d N A S A <sup>1</sup> ( C o n t d )

##### A . ( C o n t d )

1. Telecommunications facilities of the aforesaid Departments or Administration will be connected to private line services furnished by the Company for voice transmission and utilizing a Series 2000 channel for communications with stations associated with such services; provided, however, that such Department or Administration facilities will not be connected to a local or toll central office line to form a through connection except in cases of emergency involving safety of life or property, unless such facilities are provided in locations where it is impracticable for the Company to furnish its services.
2. Teletypewriter, telephotograph, data transmission, remote metering, supervisory control or miscellaneous signaling facilities of the aforesaid Departments or Administration will be connected to private line services furnished for such purposes.
3. Terminal equipment and communications systems connected to the private line services specified in B 2 . 6 . 2 A . preceding in accordance with 1. and 2. preceding prior to January 1, 1980 may remain connected and be moved and reconnected for the life of the equipment without registration unless subsequently modified. New installations of terminal equipment or communications systems subject to Part 68 of the Federal Communications Commission's Rules and Regulations connected to such private line services must meet the requirements of Part 68 of the Federal Communications Rules and Regulations.
4. Effective May 1, 1983, new installations of or additions to terminal equipment and communications systems subject to Part 68 of the Federal Communications Commission's Rules and Regulations, connected to the private line services specified in B 2 . 6 . 2 B . or C . preceding in accordance with 1. and 2. preceding, must meet the requirements of Part 68 of the Federal Communications Commission's Rules and Regulations.

#### B 2 . 6 . 9 C o n n e c t i o n s o f S e r v i c e s F u r n i s h e d b y t h e C o m p a n y t o t h e S a m e C u s t o m e r

- A . A private line furnished by the Company or by the Company and its Other Carriers may be connected to another private line furnished by the Company or by the Company and its Other Carriers or to another service provided by the Company as specified in B . through I. and B 2 . 6 . 1 0 following.
- B . A private line may be connected to another private line if the forms of electrical communication for which they are being used are the same. These private lines may be connected (1) at the premises of the customer or joint user; (2) at the premises of an authorized user with a common service point on both private lines.
- C . All connections will be made through connecting arrangements or channel switching arrangements or through switching equipment provided by the customer, joint user or authorized user, except as otherwise provided in D ., E ., and I. following.
- D . Channels created by the customer, authorized user or joint user in accordance with the provisions of B 2 . 2 . 6 B . preceding may be connected at the Customer's, authorized user's or joint user's premises:
  1. To channels furnished by the Company and to channels created therefrom as authorized in B 2 . 2 . 6 B . preceding.  
The connection of channels specified preceding is subject to the terms and conditions contained in B 2 . 6 . 1 , 2 ., and 3 ., and B . preceding.

(T)

Note 1: The provisions in A 1 5 . 1 . 1 0 B or A 1 5 . 1 . 1 1 B as appropriate, of the General Exchange Guidebook apply to terminal equipment and communications systems connected to those private line services specified in B 2 . 6 . 2 B preceding.

(T)

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## B 2 . T E R M S A N D C O N D I T I O N S

(T)

### B 2 . 6 C o n n e c t i o n s ( C o n t d )

#### B 2 . 6 . 9 C o n n e c t i o n s o f S e r v i c e s F u r n i s h e d b y t h e C o m p a n y t o t h e S a m e C u s t o m e r ( C o n t d )

##### D . ( C o n t d )

2. To a Type 10001 channel furnished by the Company, and to channels created therefrom as authorized in B 2 . 2 . 6 . B . preceding.

The connection of channels specified above is subject to the terms and conditions contained in B 2 . 6 . 1 , B 2 . 6 . 2 , B 2 . 6 . 3 , and B 2 . 6 . 4 as appropriate. (T)

3. To station apparatus provided by the Company as a part of a service provided by the Company to the same customer or to a local or toll central office line or W A T S access line through such station apparatus.

The connection described above is subject to the terms and conditions specified in the General Exchange Guidebook as appropriate. (T)

- E . A private line for voice communication utilizing a Series 2000 channel or other Types of channels when used alternately for voice transmission and when in the voice mode, may be connected at a PBX or other switching or connecting arrangement, to a local or toll central office line or W A T S access line to form a through connection over the private and exchange lines where facility and conditions permit. It is not contemplated that more than one such type of connection will be established simultaneously and transmission is not represented as adapted to more than one such connection of the combined facilities at one time.

- F . Where terminal equipment or communications systems involve connection to a Type 2230 or Type 10001 channel, such channels may also be connected either on the premises of a customer or authorized user or through Centrex Control Switching Equipment which serves the premises of the customer or authorized user, to a local or toll central office line or W A T S access line to form a through connection. When the connection is made on the premises of the customer or authorized user, such connection shall be through switching equipment and shall be made in accordance with the terms and conditions contained in B 2 . 6 . 1 preceding and the rates, terms and conditions specified in the General Exchange Guidebook. (T)

- G . When a two-point private line or a multi-point private line arranged for service solely between two points utilizing the above type channels is used for transmission of data, through connections over the private and exchange lines may also be established as described preceding.

- H . Type 10001 channels may be connected to private line services either on the premises of the customer or authorized user or through Centrex Control Switching Equipment which serves the premises of the customer or authorized user where the customer has a regular and continuing requirement for the origination or termination of communications over the communications system which is extended by the Type 10001 channel provided that:

1. The normal mode of operation of the communications system shall be to provide communications originating or terminating at the premises on which the connection is made or at the customer's or authorized user's premises served by the Centrex Control Switching Equipment.
2. When the connection is made on the premises of the customer or authorized user, the connection shall be made through switching equipment.
3. The connection shall be to channels of a Type number lower than 6000, to Series 10000 channels furnished by the Company or to channels created therefrom in accordance with the provisions of B 2 . 2 . 6 . B . preceding.

- I . Series 1000 channels may be connected at the customer's premises to a local or toll central office or a W A T S access line through switching equipment. The connection shall be in accordance with B 2 . 6 . 3 .

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## B2. TERMS AND CONDITIONS

(T)

### B2.6 Connections (Contd)

#### B2.6.10 Connection of Services Furnished by the Company to Different Customers

- A. A private line furnished to a customer on a twenty-four hour per day, seven day per week basis may be connected:
1. With a private line furnished to a branch or agency of the United States Government for the purposes specified under B. through D. following, provided such connection is authorized by the branch or agency to whose service the connection is made and connections are made by means of connecting or switching arrangements furnished by the Company, or,
  2. With a private line, local or toll central office line or WATS access line furnished to a different customer provided such connection is made at the premises of an authorized user or joint user as specified in E. through H. following, or,
  3. As specified under I. through L. following when connections involve (1) Series 6100 (6000) channels, (2) the use of service as related to the coordination or exchange of electrical pooled power, (3) channels of a Type number lower than 6000 when these are furnished for data transmission to one customer with connection to channels created by another customer.
  4. As specified in M. following when private line service is furnished to a state or local government agency and to a United States Government agency, or connections as specified in B. through M. following will be provided only when the same type of channels, (except when local or toll central office or WATS lines as set forth in F. and H. following are involved) are connected and the same forms of electrical communication are used over the connected channels.
- B. Where the private line is furnished to the Government for teletypewriter transmission for the collection and dissemination of (1) weather information, (2) miscellaneous airways information pertaining to the supervision of the flight of aircraft along the civil airways or (3) agricultural and farm market information, connection may be made as follows:
1. Receiving Only Service - for reception of weather and miscellaneous airways information and agricultural and farm market information transmitted over the Government service to which it is connected.
  2. Sending and Receiving Service - for transmission of flight plans to and acknowledgment of such plans from the Government service to which connection is authorized.
- C. Where the private line utilizes Series 2000 channels and is furnished to the Government for data transmission for the collection and dissemination of weather information and for the collection and dissemination of data relating to national defense, connection may be made for such purposes.
- D. Where the private line is furnished to the Government for voice transmission for the collection and dissemination of information relating (1) to air traffic control activities and similar information of public interest in connection with supervision of the flight of aircraft along civil airways or (2) directly to civil defense activities, connection may be made for such purposes.
- E. A private line furnished to a customer may be connected to a private line furnished to a different customer and both private lines may be utilized by a joint user as set forth in B103.1.5, provided that:
1. The connection is made at the premises of a party who is a joint user on both of the private lines.
  2. Such connections will be through switching equipment.
  3. When the private lines are so connected, all communications over the interconnected facilities shall be to or from the joint user and relate directly to his business.
- F. A joint user of a private line, as set forth in B103.1.5, may connect a local or toll central office line, WATS access line or private line provided to him as a customer to that private line on which he is a joint user provided that:
1. The connection is made at the premises of the joint user.

(T)

(T)

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 B 2 . T E R M S A N D C O N D I T I O N S
 (T)

## B 2 . 6 C o n n e c t i o n s ( C o n t d )

## B 2 . 6 . 1 0 C o n n e c t i o n o f S e r v i c e s F u r n i s h e d b y t h e C o m p a n y t o D i f f e r e n t C u s t o m e r s ( C o n t d )

- F . ( C o n t d )
- 2 . S u c h c o n n e c t i o n w i l l b e m a d e t h r o u g h s w i t c h i n g e q u i p m e n t .
  - 3 . W h e n t h e c o n n e c t i o n i n v o l v e s a l o c a l o r t o l l c e n t r a l o f f i c e l i n e o r W A T S a c c e s s l i n e , t h e c o n n e c t i o n s h a l l b e s u c h t h a t t h e f u n c t i o n s o f n e t w o r k c o n t r o l s i g n a l i n g a r e p e r f o r m e d b y e q u i p m e n t f u r n i s h e d , i n s t a l l e d a n d m a i n t a i n e d i n c o m p l i a n c e w i t h A 1 5 . 1 . 3 a n d B 2 . 6 . 4 . A . 2 b . a s a p p r o p r i a t e .
  - 4 . W h e n t h e p r i v a t e l i n e i s c o n n e c t e d w i t h t h e l o c a l o r t o l l c e n t r a l o f f i c e l i n e o r W A T S a c c e s s l i n e , a l l c o m m u n i c a t i o n s o v e r t h e i n t e r c o n n e c t e d f a c i l i t i e s s h a l l b e t o o r f r o m t h e j o i n t u s e r a n d r e l a t e d i r e c t l y t o h i s b u s i n e s s .
  - 5 . S u c h p r i v a t e l i n e s s h a l l i n c l u d e c h a n n e l s c r e a t e d b y t h e c u s t o m e r i n a c c o r d a n c e w i t h B 2 . 2 . 6 B . p r e c e d i n g .
- G . A p r i v a t e l i n e f u r n i s h e d t o a c u s t o m e r m a y b e c o n n e c t e d t o a " d i f f e r e n t " c u s t o m e r ' s p r i v a t e l i n e i f t h e " d i f f e r e n t " c u s t o m e r i s a n a u t h o r i z e d u s e r o n t h e o t h e r c u s t o m e r ' s p r i v a t e l i n e a n d p r o v i d e d t h a t :
- 1 . A l l c o m m u n i c a t i o n s o v e r t h e i n t e r c o n n e c t e d p r i v a t e l i n e s a r e b e t w e e n t h e c u s t o m e r s a n d r e l a t e d i r e c t l y t o t h e i r b u s i n e s s .
  - 2 . S u c h c o n n e c t i o n s b e m a d e t h r o u g h s w i t c h i n g e q u i p m e n t .
  - 3 . N e i t h e r o f t h e p r i v a t e l i n e s i s b e i n g f u r n i s h e d f o r f o r e i g n e x c h a n g e s e r v i c e .
  - 4 . S u c h p r i v a t e l i n e s s h a l l i n c l u d e c h a n n e l s c r e a t e d b y t h e c u s t o m e r i n a c c o r d a n c e w i t h B 2 . 2 . 6 B . p r e c e d i n g .
- H . A p r i v a t e l i n e f u r n i s h e d t o a c u s t o m e r m a y b e c o n n e c t e d t o a l o c a l o r t o l l c e n t r a l o f f i c e l i n e f u r n i s h e d t o a " d i f f e r e n t " c u s t o m e r p r o v i d e d t h a t :
- 1 . T h e c u s t o m e r f o r t h e l o c a l o r t o l l c e n t r a l o f f i c e l i n e i s a n a u t h o r i z e d u s e r o f t h e o t h e r c u s t o m e r ' s p r i v a t e l i n e .
  - 2 . T h e c o n n e c t i o n s h a l l b e m a d e t h r o u g h s w i t c h i n g e q u i p m e n t .
  - 3 . T h e c o n n e c t i o n s h a l l b e s u c h t h a t t h e f u n c t i o n o f n e t w o r k c o n t r o l s i g n a l i n g i s p e r f o r m e d b y e q u i p m e n t f u r n i s h e d , i n s t a l l e d a n d m a i n t a i n e d b y t h e C o m p a n y .
  - 4 . S u c h p r i v a t e l i n e s s h a l l i n c l u d e c h a n n e l s c r e a t e d b y t h e c u s t o m e r i n a c c o r d a n c e w i t h B 2 . 2 . 6 B . p r e c e d i n g .
- I . P r i v a t e L i n e s f o r a u d i o t r a n s m i s s i o n m a y b e c o n n e c t e d a s p r o v i d e d f o r S e r i e s 6 1 0 0 c h a n n e l s i n B 1 0 3 . f o l l o w i n g .
- J . P r i v a t e l i n e s e r v i c e s f u r n i s h e d b y t h e C o m p a n y f o r c o m m u n i c a t i o n s a s p r o v i d e d i n B 2 . 2 . 1 F . p r e c e d i n g , m a y b e c o n n e c t e d w i t h s i m i l a r s e r v i c e s p r o v i d e d b y t h e C o m p a n y .
- K . C h a n n e l s o f a T y p e n u m b e r l o w e r t h a n 6 0 0 0 f u r n i s h e d b y t h e C o m p a n y t o o n e c u s t o m e r m a y b e c o n n e c t e d t o c h a n n e l s c r e a t e d b y a n o t h e r c u s t o m e r f r o m a c h a n n e l i n a c c o r d a n c e w i t h B 2 . 2 . 6 B . p r e c e d i n g , p r o v i d e d t h e c u s t o m e r w h o s e c h a n n e l i s t o b e s o c o n n e c t e d i s a j o i n t u s e r o f t h e i n d i v i d u a l c h a n n e l f r o m w h i c h t h e c h a n n e l s h a v e b e e n c r e a t e d b y t h e o t h e r c u s t o m e r .
- L . P r i v a t e l i n e s f o r t e l e t y p e w r i t e r t r a n s m i s s i o n f u r n i s h e d t o t h e U . S . A m y m a y b e c o n n e c t e d t o p r i v a t e l i n e s f o r t e l e t y p e w r i t e r t r a n s m i s s i o n t o t h e A s s o c i a t e d P r e s s a n d U n i t e d P r e s s I n t e r n a t i o n a l f o r t h e p u r p o s e o f e s t a b l i s h i n g a n E m e r g e n c y A c t i o n N o t i f i c a t i o n S y s t e m p r o v i d e d t h a t s a i d c u s t o m e r s a g r e e t o s u c h c o n n e c t i o n . C o n n e c t i o n s w i l l b e m a d e b y m e a n s o f s w i t c h i n g a n a n g e m e n t s f u r n i s h e d b y t h e C o m p a n y .
- M . P r i v a t e l i n e s e r v i c e f u r n i s h e d t o a s t a t e o r l o c a l g o v e r n m e n t a g e n c y m a y b e c o n n e c t e d t o p r i v a t e l i n e c h a n n e l s a n a n g e d f o r u s e a n d o r d e r e d b y a U n i t e d S t a t e s G o v e r n m e n t A g e n c y f o r t h e u s e o f t h e s t a t e o r l o c a l g o v e r n m e n t a g e n c y p u r s u a n t t o t h e I n t e r g o v e r n m e n t a l C o o p e r a t i o n A c t o f 1 9 6 8 .

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## B 2 . T E R M S A N D C O N D I T I O N S

(T)

### B 2 . 6 C o n n e c t i o n s ( C o n t d )

#### B 2 . 6 . 1 1 C o n n e c t i o n o f S e r v i c e s F u r n i s h e d b y t h e C o m p a n y w i t h S e r v i c e o f O t h e r C a r r i e r s

A . A c o m m u n i c a t i o n s s y s t e m p r o v i d e d b y a n O t h e r C a r r i e r ( l i s t e d i n C . f o l l o w i n g ) r e f e r e d t o a s t h e O C , t o a c u s t o m e r , a u t h o r i z e d u s e r o r j o i n t u s e r o f p r i v a t e l i n e s e r v i c e s f u r n i s h e d b y t h e C o m p a n y m a y b e c o n n e c t e d a t t h e p r e m i s e s o f t h e c u s t o m e r , a u t h o r i z e d u s e r o r j o i n t u s e r t o t h e c h a n n e l s o f a p r i v a t e l i n e s e r v i c e f u r n i s h e d b y t h e C o m p a n y w h e r e t h e c u s t o m e r , a u t h o r i z e d u s e r o r j o i n t u s e r h a s a r e g u l a r a n d c o n t i n u i n g r e q u i r e m e n t f o r t h e o r i g i n a t i o n o r t e r m i n a t i o n o f c o m m u n i c a t i o n s o v e r t h e O C - p r o v i d e d c o m m u n i c a t i o n s s y s t e m p r o v i d e d t h a t :

- 1 . T h e n o r m a l m o d e o f o p e r a t i o n o f t h e O C - p r o v i d e d c o m m u n i c a t i o n s s y s t e m s h a l l b e t o p r o v i d e c o m m u n i c a t i o n s o r i g i n a t i n g o r t e r m i n a t i n g a t t h e p r e m i s e s a t w h i c h t h e c o n n e c t i o n i s m a d e .
- 2 . T h e p r i v a t e l i n e s e r v i c e f u r n i s h e d b y t h e C o m p a n y s h a l l b e v o i c e g r a d e .
- 3 . W h e r e t h e c o n n e c t i o n o f a n O C - p r o v i d e d c o m m u n i c a t i o n s s y s t e m i s b y m e a n s o f a d i r e c t e l e c t r i c a l c o n n e c t i o n , s u c h c o n n e c t i o n s h a l l b e m a d e :
  - a . T h r o u g h s w i t c h i n g e q u i p m e n t ; o r
  - b . T h r o u g h a c h a n n e l d e r i v a t i o n d e v i c e
- 4 . W h e r e s u c h c o n n e c t i o n i s m a d e t h r o u g h a c h a n n e l d e r i v a t i o n d e v i c e a s s p e c i f i e d i n b . p r e c e d i n g , t h e " r e g u l a r a n d c o n t i n u i n g r e q u i r e m e n t f o r t h e o r i g i n a t i o n o r t e r m i n a t i o n o f c o m m u n i c a t i o n s " p r o v i s i o n i n 1 . p r e c e d i n g a n d t h e p r o v i s i o n o f A . p r e c e d i n g a r e n o t a p p l i c a b l e .
- 5 . W h e n t h e c o n n e c t i o n i s b y m e a n s o f s w i t c h i n g e q u i p m e n t , s u c h s w i t c h i n g e q u i p m e n t a n d t h e f a c i l i t i e s p r o v i d e d b y t h e O C s h a l l b e t r e a t e d a s a c u s t o m e r - p r o v i d e d c o m m u n i c a t i o n s s y s t e m a n d t h e t e r m s a n d c o n d i t i o n s i n B 2 . 6 . 1 t h r o u g h B 2 . 6 . 4 p r e c e d i n g , a s a p p l i c a b l e t o t h e c o n n e c t i o n o f a c o m m u n i c a t i o n s s y s t e m s h a l l a p p l y .
- 6 . W h e n t h e c o n n e c t i o n i s b y m e a n s o f a c h a n n e l d e r i v a t i o n d e v i c e , s u c h c h a n n e l d e r i v a t i o n d e v i c e a n d t h e f a c i l i t i e s p r o v i d e d b y t h e O t h e r P a r t i c i p a t i n g C a r r i e r s h a l l b e t r e a t e d a s a c o m m u n i c a t i o n s s y s t e m s a n d t h e t e r m s a n d c o n d i t i o n s a p p l i c a b l e t o t h e c o n n e c t i o n o f c o m m u n i c a t i o n s s y s t e m s a s s e t f o r t h i n B 2 . 6 s h a l l a p p l y w i t h t h e e x c e p t i o n o f p r o v i s i o n s o f B 2 . 6 . 4 D 1 a . a n d b . a n d B 2 . 6 . 4 D 2 .
- 7 . W h e r e t h e c o n n e c t i o n o f a n O C - p r o v i d e d c o m m u n i c a t i o n s s y s t e m i s b y m e a n s o f a n a c o u s t i c o r i n d u c t i v e c o n n e c t i o n , s u c h c o n n e c t i o n s h a l l b e m a d e e x t e r n a l l y t o C o m p a n y - p r o v i d e d v o i c e t r a n s m i t t i n g a n d r e c e i v i n g e q u i p m e n t .
- 8 . W h e r e t h e c u s t o m e r o f s u c h O C i s a n a u t h o r i z e d u s e r o f a p r i v a t e l i n e s e r v i c e f u r n i s h e d b y t h e C o m p a n y a n d s u c h c o n n e c t i o n i s m a d e a t t h e a u t h o r i z e d u s e r ' s p r e m i s e s , a l l c o m m u n i c a t i o n s o v e r t h e i n t e r c o n n e c t e d f a c i l i t i e s s h a l l b e b e t w e e n t h e a u t h o r i z e d u s e r a n d t h e C o m p a n y ' s c u s t o m e r a n d b e r e l a t e d d i r e c t l y t o t h e C o m p a n y ' s c u s t o m e r ' s b u s i n e s s .
- 9 . C o n n e c t i o n s s h a l l b e m a d e o n l y i f t h e f o r m s o f e l e c t r i c a l c o m m u n i c a t i o n a r e t h e s a m e a n d c o n s i s t e n t w i t h t h o s e f o r w h i c h t h e C o m p a n y - p r o v i d e d c h a n n e l i s o f f e r e d . C o n n e c t i o n s a r e n o t r e p r e s e n t e d a s b e i n g s u i t a b l e f o r s a t i s f a c t o r y t r a n s m i s s i o n .
- 10 . A l l a r a n g e m e n t s c o n c e r n i n g s u c h O C s e r v i c e s s h a l l b e m a d e b y t h e c u s t o m e r w i t h t h a t c a r r i e r . T h e f u r n i s h i n g o f p r i v a t e l i n e s e r v i c e s b y t h e C o m p a n y a s s e t f o r t h p r e c e d i n g i s n o t p a r t o f a j o i n t u n d e r t a k i n g w i t h t h e O C .
- 11 . W h e r e p r i v a t e l i n e s e r v i c e s f u r n i s h e d b y t h e C o m p a n y a r e u s e d i n t h e p r o v i s i o n o f a c o m p o s i t e d a t a s e r v i c e f o r o t h e r s a n d c o n n e c t i o n o f t h o s e p r i v a t e l i n e s e r v i c e s i s m a d e t o a c o m m u n i c a t i o n s s y s t e m p r o v i d e d b y a n O C a n d t h e c o n n e c t i o n i s m a d e t h r o u g h d a t a s w i t c h i n g e q u i p m e n t , t h e t e r m s a n d c o n d i t i o n s s p e c i f i e d i n 1 . a n d 5 . p r e c e d i n g a r e n o t a p p l i c a b l e .

(T)

(T)

(T)



B2. TERMS AND CONDITIONS (T)

B2.6 Connections (Cont'd)

B2.6.11 Connection of Services Furnished by the Company with Service of Other Carriers (Cont'd)

B. Communications systems (utilizing Central Office Connecting Facilities), not exceeding voice grade, provided by an OC (excluding International Record Carriers listed therein) to a customer may be connected at the premises of the Company with private line service provided by the Company to the same customer, provided the connection is made through Centrex Control Switching Equipment furnished in accordance with Centrex Type Services provisions of the General Exchange Guidebook. (T)

B2.6.12 Trouble Location Charge

The customer shall be responsible for payment of a nonrecurring charge for each visit by the Company to the premises of the customer or authorized or joint users, or OC listed in B2.6.11 preceding, where the service difficulty or trouble report results from the use of equipment or facilities provided by the customer or his authorized users or joint users or OC.

1. Private Line Service, per service call

	First Half Hour Or Fraction Thereof	Each Additional Half Hour Or Fraction Thereof	USOC
(a) Basic Time normally scheduled hours	\$36.50	\$18.75	NA
(b) Overtime, outside of normally scheduled working hours on a scheduled workday	41.00	20.00	NA
(c) Premium Time, outside of scheduled work day	43.47	22.30	NA

B2.6.13 Reserved for Future Use (T)

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## B 2 . T E R M S A N D C O N D I T I O N S

(T)

### B 2 . 6 C o n n e c t i o n s ( C o n t d )

#### B 2 . 6 . 1 4 C o n n e c t i o n s o f T e s t E q u i p m e n t

##### A . T o t a l l y P r o t e c t i v e C o n n e c t i o n s

1. Test equipment may be connected to those private line services specified in B 2 . 6 . 2 preceding at the premises of the customer through registered or grandfathered terminal equipment, protective circuitry, or communications systems subject to Part 68 of the Federal Communications Commission's Rules and Regulations which, either singularly or in combination, assures that all of the requirements of Part 68 of the Federal Communications Commission's Rules and Regulations (total protection) are met at the private line service interface.
2. Test equipment may be connected to those private line services specified in B 2 . 6 . 4 A . 2 . preceding at the premises of the customer either (1) directly at the private line service interface, or (2) through other equipment, provided that the minimum protection criteria specified in B 2 . 6 . 4 F preceding is continually met at the private line service interface.

##### B . I n t e r i m P r o g r a m f o r C o n n e c t i o n s o f T e s t E q u i p m e n t

Test equipment may also be connected at the premises of the customer to those private line services specified in B 2 . 6 . 2 preceding either (1) directly at the private line service interface, or (2) through terminal equipment, protective circuitry, or communications systems subject to Part 68 of the Federal Communications Commission's Rules and Regulations which does not provide protection for signal power control under the following Interim Program provided that:

1. The test equipment is limited to transmission signal power generating and/or detection devices, or similar devices, utilized by the Customer for the detection and/or isolation of a communications service fault.
2. The test equipment is of a type that was lawfully directly connected to private line service as of March 6, 1981. Such test equipment may remain connected, be moved or reconnected during the life of the test equipment unless it has been subsequently modified.
3. Direct connection of test equipment or connections through Company-provided terminal equipment, or communications systems subject to Part 68 of the Federal Communications Commission's Rules and Regulations are made through Company-provided jacks or as otherwise authorized by the Company.
4. Test equipment must be operated in accordance with the Institutional Procedures for Signal Power Control as specified in C . following.

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## B2. TERMS AND CONDITIONS

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### B2.6 Connections (Cont'd)

#### B2.6.14 Connections of Test Equipment (Cont'd)

##### B. Interim Program for Connections of Test Equipment (Cont'd)

5. The Customer notifies the Company of each private line service at each premises to which the test equipment will be connected in advance of the initial connection. The Customer must also notify the Company when such test equipment is permanently disconnected at each premises.

##### C. Institutional Procedures for Signal Power Control

1. In accordance with B 4. preceding, the Customer must comply with the following Institutional Procedures:
  - a. The Customer must install, operate and maintain the test equipment so that its signal power at the private line service interface complies with Subpart D of Part 68 of the Federal Communications Commission's Rules and Regulations.
  - b. The operator(s)/maintainer(s) responsible for the test equipment signal power present at the private line service interface must be trained to perform these functions by successfully completing one of the following:
    - (1) a training course provided by the manufacturer of the test equipment, or
    - (2) a training course provided by the Customer, or authorized representative of the Customer, using training materials and instructions provided by the manufacturer of the test equipment, or
    - (3) an independent training course (e.g., trade school or technical institution) recognized by the manufacturer of the test equipment, or
    - (4) in lieu of the preceding training requirements, the operator(s)/maintainer(s) is under the control of a supervisor trained in accordance with (1) through (3) preceding.

Upon request, the Customer is required to provide proper documentation to demonstrate compliance with the requirements in B2.6.14.C.1.b.

- c. Advance notice must be given to the Company in the form of a notarized affidavit before the initial connection of the test equipment at each premises after April 9, 1981. A copy of the affidavit must also be maintained at the Customer's premises. The affidavit must contain the following information:
  - (1) The full name, business address, business telephone number and signature of the Customer or authorized representative who has responsibility for the operation of the test equipment.
  - (2) The line(s) to which the test equipment will be either connected to or arranged for connection to.
  - (3) A statement that all operations associated with the establishment, maintenance and adjustment of the test equipment signal power present at the private line service interface will comply with Subpart D of Part 68 of the Federal Communications Commission's Rules and Regulations.
  - (4) A statement describing how each operator of the test equipment will meet and continue to meet the training requirements for persons installing, connecting, adjusting or maintaining the test equipment.

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## B 2 . T E R M S A N D C O N D I T I O N S

(T)

### B 2 . 6 C o n n e c t i o n s ( C o n t d )

#### B 2 . 6 . 1 4 C o n n e c t i o n s o f T e s t E q u i p m e n t ( C o n t d )

##### C . I n s t i t u t i o n a l P r o c e d u r e s f o r S i g n a l P o w e r C o n t r o l ( C o n t d )

##### 2 . E x t r a o r d i n a r y P r o c e d u r e s

- a. The Company may invoke extra-ordinary procedures to protect the telecommunications network where one or more of the following conditions are present:
  - (1) Information provided in the affidavit gives reason to believe that a violation of Part 68 of the Federal Communications Commission's Rules and Regulations or the Institutional Procedures set forth in 1. preceding is likely.
  - (2) Harm has occurred and there is reason to believe this harm was a result of operations performed under the Institutional Procedures set forth in 1. preceding.
- b. The extra-ordinary procedures, which can be invoked by the Company, include:
  - (1) Requiring the use of protective apparatus which either protects solely against excessive signal power or which assures that all of the requirements of Part 68 of the Federal Communications Commission's Rules and Regulations are met at the private line service interface.
  - (2) Disconnecting service.
- c. A charge equal to the Maintenance of Service charge will apply when:
  - (1) It is necessary to send a repair person to the premises where the test equipment is connected because a condition as set forth in a. preceding exists, and
  - (2) A failure to comply with the Institutional Procedures for signal power control is disclosed.

### B 2 . 7 S p e c i a l P r o m o t i o n s

#### B 2 . 7 . 1 T e r m s a n d C o n d i t i o n s

- A . The Company may offer special promotions of new or existing services or products for limited periods. These promotions will be offered on a completely non-discriminatory basis with each subscriber in the classification of service and area for which the promotion is offered having an equal opportunity for participation, subject to the availability of products, services and facilities.

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### B 2 . 8 R e s e r v e d f o r F u t u r e U s e

### B 2 . 9 R e s e r v e d f o r F u t u r e U s e

### B 2 . 1 0 R e s e r v e d f o r F u t u r e U s e

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## B 2 . T E R M S A N D C O N D I T I O N S

(T)

### B 2 . 1 1 T r a d e m a r k s a n d S e r v i c e m a r k s P r o t e c t i o n

#### B 2 . 1 1 . 1 U s e o f T r a d e m a r k s a n d S e r v i c e m a r k s

Trademarks and Service marks owned by AT&T Intellectual Property may not be used by any entity concerning in or providing services pursuant to this Guidebook except under an express written license agreement with AT&T Intellectual Property.

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### B 2 . 1 2 R e s e r v e d f o r F u t u r e U s e

### B 2 . 1 3 R e s e r v e d f o r F u t u r e U s e

### B 2 . 1 4 C u s t o m e r A g e n t s

#### B 2 . 1 4 . 1 G e n e r a l

- A . The conditions specified herein apply to any entity (hereinafter "agent"), including but not limited to Customer Premises Equipment Providers, Enhanced Service Providers, and Interexchange Carriers acting or purporting to act on behalf of a customer or prospective customer (hereinafter "customer") in transactions with the Company. Such transactions may include, but are not limited to: (1) requests for information about the service or equipment of any customer, (2) negotiations regarding deposits, (3) orders for establishment of or changes in service or equipment, and (4) requests for or inquiries concerning the repair or maintenance of the service or equipment of any customer.

#### B 2 . 1 4 . 2 R e s p o n s i b i l i t y o f t h e A g e n t

- A . The agent shall at all times act within the scope of the agent's authority as defined in the agent's agreement with the customer and shall not undertake any transaction with the Company on behalf of any customer unless the agent has been authorized to do so by that customer.
- B . In undertaking any such transactions on behalf of any customer, the agent shall comply with all terms and conditions in this section of this Guidebook applicable to the transaction or to the service or equipment to which the transaction pertains.

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#### B 2 . 1 4 . 3 W a r r a n t y a n d L i a b i l i t y o f t h e A g e n t

- A . By undertaking any transaction with the Company on behalf of a customer, the agent warrants and represents to the Company that the agent has been duly authorized by the customer to act on behalf of the customer in the transaction undertaken. In the event that the customer denies that the agent has acted within the scope of its authority, the agent shall assume responsibility for such transactions and will indemnify and hold the Company harmless from any and all damages, losses, or claims resulting from such dispute or denial by the customer, except for any damages, losses or claims resulting from the Company's willful misconduct, and will pay any and all applicable rates and charges for services rendered or equipment supplied by the Company because of the agent's actions. The foregoing in no way absolves the customer from liability arising from authorized transactions performed by the agent on behalf of the customer.

#### B 2 . 1 4 . 4 P r o o f o f A u t h o r i t y

- A . When the Company in the reasonable exercise of the Company's discretion believes it appropriate, the Company may request proof of the authority of any party claiming to be the agent of the customer prior to acting upon such request. In the event the Company determines that the agent has submitted orders or inquiries without specific authorization, the Company will not accept orders or inquiries from the agent without specific proof of proper authorization. Failure of the Company to request such proof shall not, however, limit or otherwise affect the agent's responsibility or liability set forth herein, nor shall such a failure constitute a waiver of the Company's right to request such proof at any time in the future.

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## B2. TERMS AND CONDITIONS

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### B2.15 Demarcation Point

#### B2.15.1 General

##### A. Demarcation Point Location

1. The demarcation point is comprised of a Company-provided Network Interface (NI) jack and is located on a customer's premises in accordance with 2. and 3. following.
2. Single Family Residence - The normal location of the demarcation point is at an Outdoor Network Interface (ONI) jack affixed to the exterior of the residence. If the subscriber so requests, the demarcation point will be located inside the residence at the facilities entry point or as close to that point as practicable.
3. Other Buildings
  - a. Where a subscriber has provided a telephone equipment room at the premises, the equipment room will be considered the most practicable point of demarcation, unless the subscriber requests a demarcation point location that is closer to the facilities entry point.
  - b. If the owner of a multi-tenant property (one or more buildings on the same contiguous property as defined in North Carolina Utilities Commission Rules R.14-2) requests that the Company place or relocate the demarcation point for all tenants/subscribers to one or more points which are located remotely from the tenants/subscribers' premises, such requests will be accommodated if all known tenants/subscribers agree to such an arrangement and if appropriate facility arrangements can be made. The appropriate charges will apply, as specified in this Section, to the party or parties who request the relocation. If the placement or relocation is at the request of the tenants/subscribers, such request will be accommodated if the building owner agrees with the arrangement and if appropriate facility arrangements can be made. The appropriate charges will apply, as specified in this Section, to the party or parties who request the relocation.
  - c. Single Tenant, Single Floor - Where customer line requirements can be accommodated with an Outdoor Network Interface (ONI), an ONI will be affixed to the exterior of the building. Where customer requirements cannot be accommodated with an ONI, or where the customer requests an interior demarcation point, the demarcation point will be located at the facilities entry point.
  - d. Single Tenant, Multi-floor - One demarcation point will be established on each floor of the building, located at the facilities entry point, unless the subscriber requests a lesser number of demarcation points.

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B2. TERMS AND CONDITIONS

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B2.15 Demarcation Point (Cont'd)

B2.15.1 General (Cont'd)

A. Demarcation Point Location (Cont'd)

3. Other Buildings (Cont'd)

- e. Multi-tenant Buildings - One demarcation point will be established at the facilities entry point in each tenant's premises, except as specified in paragraph b. preceding. Where one subscriber occupies multiple floors, one demarcation point will be established on each floor at the facilities entry point, unless the subscriber requests a lesser number of demarcation points.
- f. Campus-type properties - Demarcation points will be established in each building on campus properties, in accordance with the preceding.

B2.15.2 Definitions

DEMARCATION POINT

The demarcation point is the point at which the Company's facilities end and the customer's premises wiring begins.

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PREMISES

The premises is the discrete real property owned, leased or controlled by a subscriber for the subscriber's own residential or business use.

FACILITIES ENTRY POINT

The facilities entry point is a point within twelve inches, or as close to that point as practicable, to where the Company's cable or wire first enters a customer's premises through a wall, floor, ceiling or conduit.

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## B3. CHANNELS AND EQUIPMENT

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## B 3 . CHANNELS AND EQUIPMENT

### B 3 .1 Provision of Service

#### B 3 .1 .1 General

- A . Channel Services provided under the provisions of this Guidebook are offered for IntraLATA Services only. Services consisting of Local Channels, Interoffice Channels, and Optional Features and Functions are classified by series. The various series are sub-divided into different types and are described in terms of circuit characteristics and use. (T)
- B . Customers may order local channels which are designed to meet specific communications requirements. The customer is responsible for determining that his terminal equipment is compatible with the service provided by the Company.
- C . Where multi-point service is furnished, the local channels are bridged in the wire center.
- D . Dedicated circuits between the customer's interLATA Electronic Tandem Switching (ETS) function and the customer's other location(s) within the same LATA will be provided from this Guidebook. Where this service is provided by the Company as a feature of Centrex Type Services, the transport of traffic between the ETS function and the basic Centrex Type Services function may be performed by the Company's network switching facilities. (T)
- E . Channels requiring placement of new cable or wire facilities between two or more points on a customer's continuous property are no longer available effective January 1, 1987, see B 103 2 . However, where spare channels are available in existing Company-Owned facilities on a customer's continuous property, such channels will be available for the customer's use, subject to the terms, conditions, and charges specified in Section B 103 .

#### B 3 .1 .2 Application

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

#### B 3 .1 .3 Rate Categories

- A . Following are the basic rate categories which apply to Private Line service.
  - 1 . Local Channels
    - a . A local channel provides for a communications path between the demarcation point at a customer premises and the serving wire center of that premises. One local channel charge applies per channel termination.
    - b . When channels extending between different premises are provided via dedicated cable facilities, a non-wire center connected channel charge applies in lieu of local channel charges.
    - c . The local channel provides the communication path for a service to the demarcation point(s). A demarcation point is the term used for the location where the regulated Company's facilities end and where the deregulated premises wiring begins. A network interface may be located at the point of demarcation. The customer is responsible for connections beyond the demarcation point. The demarcation point(s) will be provided as follows unless the building/property owner specifies a minimum point-of-entry:
      - (1) Single Story Single Customer - demarcation point per customer.
      - (2) Single Story Multiple Customer - demarcation point per customer.
      - (3) Multi-Story Single Customer - demarcation point per customer/story.
      - (4) Multi-Story Multiple Customer - demarcation point per customer/story.
  - 2 . Interoffice Channels
 

This rate category provides for the transmission facilities between serving wire centers associated with two customer premises, between serving wire centers associated with a customer premises and a Company hub, or between two Company hubs.

Interoffice mileage is measured in miles. A flat rate and a rate per mile applies. For the method of determining mileage, see B 3 3 3 A .

Note 1: The material appearing on this page is the result of a restructure of this section.

## B 3. CHANNELS AND EQUIPMENT

### B 3.1 Provision of Service (Cont'd)

#### B 3.1.3 Rate Categories (Cont'd)

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

##### 3. Non-Wire Center Connected Channels

Channels between different premises of the same or different customers may be provided in existing or new cable facilities. If new cable construction is required, recurring and nonrecurring charges will be determined via the Contract Service Arrangement process and will be based upon the total recurring and nonrecurring costs of the entire cable capacity provided.

See B 3.4.2 for channel charges applicable when existing cable facilities are utilized for non-wire center connected channels

##### 4. Continuous Property Channels

New channels between points on the same customer's continuous property are provided only where spare capacity is available in existing facilities.

A Continuous Property Channel consists of one pair (half duplex) or two pairs (full duplex) of metallic conductors with the physical and electrical transmission characteristics inherent to the existing facility. Equipment that is required to improve or alter the transmission characteristics of the channel is the responsibility of the customer and must be connected on the customer's side of the network interface. The customer may not access or alter a Continuous Property Channel in mid-span; nor install any equipment which results in harm to the facility or other channels within the cable or wire facility.

When twenty five or more half duplex channels are required between the same two points, the Company will consider a bulk provisioning arrangement whereby the subscriber can lease channels in multiples of twenty five channels. With bulk provisioning arrangements, no subsequent recurring or nonrecurring charges apply as channels are activated by the subscriber. Rates for bulk provisioning arrangements are determined on a Special Arrangement Basis, See Section B 5.

Continuous Property Channels will be discontinued when associated cable facilities can no longer be economically maintained.

##### 5. Intraexchange mileages for continuous property channels are determined as follows:

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 predominantly used to provide exchange telephone service to members of the general telephone userbody.

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.

Regular guidebook charges apply for Intrasystem Continuous Property Channels as outlined in B 3 following for those facilities in place as of December 31, 1986. New services, additions or transfers of service will be offered where spare capacity is available in existing cable facilities. 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 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)

### B 3 . CHANNELS AND EQUIPMENT

#### B 3 2 Service Descriptions (Contd)

##### B 3 2 2 Voice Grade Service - Series 2000 (Contd)

###### E . Telemetry/Alarm Bridging Service (TABS)

###### 1. Terms and conditions

- a. This Section contains the terms and conditions applicable for Telemetry/Alarm Bridging Service (TABS) (T)
- b. Except as otherwise specified following, the terms and conditions contained herein are in addition to the terms and conditions found in other sections of this Guidebook. (T)
- c. TABS requires the use of equipment as specified herein and Type 2261 or 2462 voice grade local channels described in C .preceding.
- d. Terminal equipment provided by the customer for use with TABS must meet specifications for such customer-provided equipment found in other sections of this Guidebook. (T)
- e. No more than 128 remote stations may be connected to a master station over an individual Split Band and Active Bridging.
- f. In Split Band and Active Bridging arrangements, secondary bridges must be directly connected to the primary bridge via mid-link channels. Secondary bridges cannot be connected through other secondary bridges to allow additional layers of tandeming.
- g. Secondary bridges, utilized in Split Band and Active Bridging arrangements, reduce the two-wire remote station capacity of the primary bridge. The initial secondary bridge reduces the primary bridge capacity by twelve two-wire remote station connections. Each subsequent secondary bridge reduces the primary bridge capacity by four additional two-wire remote station connections.
- h. Standard multi-point bridging charges as provided in other sections of this Guidebook are not applicable to TABS, except as provided in g .preceding. (T)
- i. Access over four-wire master station channels for Split Band and Active Bridging is provided using a Type 2462 local channel.
- j. Access over remote station channels is provided through a Type 2261 local channel and through the appropriate channel connection as contained in B 3 4 4 A 1.c. following. Interconnection of remote stations located outside the serving wire center where the bridge to which they are to be connected is located will require interoffice channels at charges contained in B 3 4 3 . (T)
- k. Access over each four-wire mid-link channel for Split Band and Active Bridging is through voice grade interoffice channels at charges contained in B 3 4 3 . Additionally, mid-link channel connections are required as described in B 3 4 4 A 1.c. following. (T)

###### 2. Service Description

- a. Telemetry/Alarm Bridging Service is a multi-station, voice frequency, private line service designed to provide connections between a master station and a number of remote stations simultaneously. Direct transmission between remote stations is not intended. This service is intended for application in multi-point, voice frequency, data or tone signaling arrangements with transmission at rates up to 400 baud.
- b. TABS is provided in the following arrangement:  
Split Band, Active Bridging - Arrangement providing for a four-wire (master station or mid-link channel) frequency split common port and multiple two-wire (remote station) ports intended for application in multi-point, voice frequency, data or tone signaling arrangements. Two-way (polling) communication between the master station and each remote station is intended.

##### B 3 2 3 Reserved For Future Use

## B 3 . CHANNELS AND EQUIPMENT

### B 3 .3 Rate Terms and Conditions

(T)

#### B 3 .3 .1 Types of Rates and Charges

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

##### 1. Monthly Rates

Monthly rates are recurring charges that apply each month or fraction thereof that a service is provided. For billing purposes, each month is considered to have thirty days.

##### 2. Nonrecurring Charges

Nonrecurring Charges are one-time charges that apply for a specific work activity. The three types of nonrecurring charges that apply are installation of service, installation of features and functions and service arrangements.

##### a. Installation of Service

Nonrecurring charges apply for each service terminated at the customer's premises. For the installation of local channels when more than one of the same type of service, between the same locations, for the same customer is ordered and installed at the same time, one at each location is billed at the First Service Installed rate and the others are billed at the Additional Service Installed rate.

The nonrecurring charges for the Installation of Services are set forth in B 3 .4 following as Nonrecurring Charges for the Local Channel and Interoffice Channel rate elements.

Rates and charges for Network Interface Equipment are set forth in Section A 14 . of the General Exchange Guidebook.

(T)

b. Nonrecurring charges apply for the installation of features and functions available with the various services. For some features and functions there is a lower charge if installed coincident with the service and a higher charge if installed subsequent to the service. The "initial" nonrecurring charge applies when the feature or function is installed at the same time as the service is installed. If the feature or function is installed after the service is established, then the "Subsequent" nonrecurring charge applies.

##### c. Service Rearrangements

(1) Service rearrangements are changes to existing (installed) services which do not result in either a change in the minimum period requirements or a change in the physical location of the point of termination at a customer premises. Changes which result in the establishment of new minimum period obligations are treated as disconnects and starts. Changes in the physical location of the point of termination are treated as moves and are described and charged for as set forth in B 3 .3 .2 following.

The charge to the customer for the service rearrangement is dependent on whether the change is administrative only in nature or involves actual physical change to the service.

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### B3. CHANNELS AND EQUIPMENT

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

(T)

##### B3.3.1 Types of Rates and Charges (Cont'd)

A. The two types of rates and charges are monthly rates and nonrecurring charges and are described as follows: (Cont'd)

2. Nonrecurring Charges (Cont'd)

c. Service Rearrangements (Cont'd)

(1) (Cont'd)

Administrative changes will be made without charge(s) to the customer. Such changes require the continued provision and billing of the Private Line Service to the same entity (i.e., customer remains responsible for all outstanding indebtedness for the service). Administrative changes are as follows:

- Change of customer name (i.e., the customer of record does not change but rather the customer of record changes name),
- Change of customer's premises address when the change of address is not a result of a physical relocation of equipment.
- Change in billing data (name, address or contact name or telephone number).
- Changes of jurisdiction, e.g. intraLATA to intrastate, intrastate to interstate, etc.

### B 3 . CHANNELS AND EQUIPMENT

#### B 3 . 3 Rate Terms and Conditions (Cont'd)

(T)

##### B 3 . 3 . 1 Types of Rates and Charges (Cont'd)

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

###### 2 . Nonrecurring Charges (Cont'd)

###### c . Service Rearrangements (Cont'd)

###### (2) All other service rearrangements will be charged for as follows:

- If the change involves the addition of other customer designated premises to an existing multipoint service, the nonrecurring charge for the local channel and bridging rate element(s) being added will apply. Nonrecurring charges for interoffice channel mileage and/or optional features may also apply. may also apply.
- If the change involves the addition of other customer designated premises to an existing two-point service, resulting in a multipoint circuit configuration, the nonrecurring charge for the local channel rate element(s) being added will apply. Nonrecurring charges for interoffice channel mileage may also apply.
- If the change involves the disconnection of a customer designated premises from an existing multipoint circuit resulting in a two-point circuit configuration, no charge will apply.
- If the change involves the addition of an optional feature or function which has a separate nonrecurring charge, that nonrecurring charge will apply.
- If the change involves changing the type of signaling on a voice grade service the subsequent, nonrecurring charge will apply for the new type signaling. The charge will apply per service termination affected.
- For rearrangements and all other activities involving physical changes to the service provided or the addition of optional features without separate nonrecurring charges, a charge equal to a local channel rate element nonrecurring charge will apply. Only one such charge will apply per service order per change.
- For a change of customer of record, where no specific transfer of service charge is stated and for all other activities involving no physical changes, the following charges will apply: (1) If the request is for multiple circuits of the same type, a charge equal to one "First" Local Channel nonrecurring charge applies, (2) If the request is for only one circuit, a charge equal to one "Additional" Local Channel nonrecurring charge applies, (3) If the request is for multiple circuits of different types, charges will be applicable for each type of circuit according to the same guidelines in (1) and (2) preceding.

##### B 3 . 3 . 2 Moves

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

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

###### B . The charges for the move are dependent on whether the move is to a new location within the same building or to a different building.

###### 1 . Moves Within the Same Building

When the move is to a new location within the same building, the charge for the move will be an amount equal to one-half the nonrecurring (i.e., installation) charge for the affected service termination at the customer's premises. There will be no change in the minimum period requirements. If a move is made at the same time a service rearrangement is made, the total charge will never exceed a full nonrecurring charge for the basic service.

###### 2 . To a Different Building

Moves to a different building will be treated as a discontinuance and start of service and all associated nonrecurring charges will apply. New minimum period requirements will be established at the new location. The customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued service.

B3. CHANNELS AND EQUIPMENT

B3.3 Rate Terms and Conditions (Contd)

(T)

B3.3.3 Mileage Measurements

A. When station locations of a private line service are located in different wire center serving areas, interoffice channel charges apply. Charges are based on the direct airline distance measured between the serving wire centers. Mileage is determined in accordance with the following:

1. Obtain the "V" and "H" coordinates for each wire center, as listed in the National Exchange Carrier Association, Inc. (NECA) Tariff F.C.C. No. 4.
2. Obtain the difference between the "V" coordinates of the two wire centers. Obtain the difference between the "H" coordinates. (The difference is always obtained by subtracting the smaller coordinate from the larger coordinate.)
3. Square each difference obtained in 2. preceding.
4. Add the squares of the "V" difference and the "H" difference obtained in 3. preceding.
5. Divide the sum of the squares obtained in 4. preceding by 10.
6. Obtain the square root of the result obtained in 5. preceding. This is the rate distance in miles. (Fractional miles being considered as full miles.)

EXAMPLE: The rate distance is required between City One and City Two.

	V	H
City One	7,260.00	2,083.00
City Two	7,364.00	1,865.00
Difference	104.00	218.00
Squared		10816+47524=58340

58,340 divided by 10 = 5834

Square root of 5834 = 76.38 = 77 Airline miles

- B. When a private line is furnished over facilities which the Company elects to provide on a direct basis and is not routed through a central office, one two-point channel charge from B3.4.2 will apply. The arrangement is limited to channels not more than one airline mile in length.
- C. For the purpose of applying multipoint charges, the bridging or hubbing locations are determined by that combination of airline distances connecting the serving wire center which will produce the lowest interoffice mileage charges. Bridging charges apply when three or more channels connect at the same location.
- D. For Series 1000, 2000 and 6000 channels the customer may specify the sequence in which the service points are to be connected in which case the rate mileage is the shortest airline mileage determined in accordance with paragraph C. preceding which will connect the wire centers of the service points in the specified sequence.

B3. CHANNELS AND EQUIPMENT

B3.4 Rates and Charges (Cont'd)

B3.4.3 Continuous Property Channels (Cont'd)

A. Rates - Monthly Service (Cont'd)

2. Service Connection Charges (Cont'd)

f. Charges for Types 2230 - 2261 (Cont'd)

(2) Premises Visit

		Nonrecurring Charge Series 2100				
		(2001/2101)	(2012)	(2021/2121)	(2040/2140)	USOC
	(a) For a channel within the same building for Inside Moves	NA	32.25	36.00	26.50	NA
	(b) For a channel between buildings on the same continuous property	36.50	49.50	49.50	36.50	NA
(3)	Connection Charge <sup>1</sup>					(T)
	(a) Inside Moves	75.50	122.00	122.00	75.50	NA
g.	Charges for Types 2432 - 2464					
(1)	Service Ordering Charge					

		Nonrecurring Charge Series 2100				
		(2014)	(2041/2141)	(2120/2020)	(2122/2022)	USOC
	(a) (DELETED)	2432	2462	2463	2464	NA
	(b) Additional Stations within a building	\$123.00	\$123.00	\$123.00	\$123.00	NA
	(c) Channels wholly within the same building <sup>1</sup>	123.00	NA	123.00	123.00	NA (T)
	(d) Channels between buildings on the same continuous property	123.00	123.00	123.00	123.00	NA
	(e) Inside Moves	93.25	93.25	93.25	93.25	NA
(2)	Premises Visit					
	(a) For a channel within the same building for Inside Moves	NA	32.25	36.00	26.50	NA
	(b) For a channel between buildings on the same continuous property	36.50	49.50	49.50	36.50	NA
(3)	Connection Charge <sup>1</sup>					(T)
	(a) Inside Moves	75.50	122.00	122.00	75.50	NA

Note 1: Connection charges for channels other than for Inside Moves are as specified in B3.4.3.1 and 2 and B3.4.4. (T)



B4. EQUIPMENT

B4.3 Data Communicat ing Equipm ent (Contd)

B4.3.3 (DELETED)

Telem etry Alarm Bridging Service (TABS) now appears in B3.22.

(r)

## B4. EQUIPMENT

### B4.3 Data Communicating Equipment (Cont'd)

#### B4.3.3 (DELETED)

Telemetry Alarm Bridging Service (TABS) now appears in B3.22.

(r)

### B4.4 Reserved for Future Use

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## B 5. CONSTRUCTION CHARGES

### B 5.2 Special Type of Construction

- A. When underground service connections are desired by customers as initial installations in places where aerial drop wires would ordinarily be used to reach the customer's premises, or when aerial facilities are used to provide service or channels to a customer and subsequently the customer desires that such facilities be placed underground, the following terms and conditions apply:
1. Where cable is placed in conduit, the underground conduit shall be constructed and maintained by or at the expense of the customer and in addition the customer shall pay the cost of the underground cable, including the cost of installing it, less the estimated cost to the Company of installing such aerial facilities as would be (or are) required to furnish the same service. The underground conduit shall be constructed in accordance with plans and specifications furnished by the Company. Ownership of such conduit is vested in the customer and necessary replacements shall be made by him.
  2. The duct or ducts required in the underground conduit by the Company to furnish service shall be reserved for its exclusive use.
  3. Where armored cable is laid in a trench, the trench shall be constructed and backfilled by or at the expense of the customer. In addition, the customer shall pay the cost of the cable, including the cost of installing it, less the estimated cost to the Company of installing such aerial drop as would be (or is) required to furnish the same service.
  4. Cable placed in conduit provided by a customer will be maintained and replaced at the expense of the Company where the conduit has been inspected in place by the Company and approved, but repairs or replacements of cable in conduit not so inspected and approved, or repairs or replacements of cable in conduit or trench made necessary by damages caused by the customer or his representatives will be made only at the customer's expense.
  5. Where facilities are changed from aerial to underground, in addition to the above the customer is charged the cost of dismantling and removing the aerial facilities.

### B 5.3 Poles on Private Property

- A. Poles to be used in serving only a particular customer and located on his premises shall in all cases be furnished and maintained by him or at his expense and shall conform to the Company's specifications. Ownership of such poles on private property is vested in the customer and necessary pole replacements shall be made by him.
- B. Poles on private property to be used to serve more than one customer or to be used as a part of the standard distributing plant serving customers in general are furnished, maintained, and owned by the Company, subject to such construction charge as may be applicable.
- C. Circuits on poles on private property are furnished, owned and maintained by the Company.

### B 5.4 Circuitous Routing or Special Types of Construction

When circuitous routing or special type of construction is provided at the customer's request, in cases where facilities would ordinarily be provided without construction charge to the customer, the excess cost of special construction is borne by the subscriber.

### B 5.5 Payment of Construction Charges

Construction charges are payable at the time application for service is signed or when the account is rendered, at the option of the Company.

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**B7.D DIGITAL NETWORK SERVICE**

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B7.DIGITAL NETWORK SERVICE

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## B 7 . D I G I T A L N E T W O R K S E R V I C E

### B 7 . 1 M e g a L i n k S e r v i c e

#### B 7 . 1 . 1 G e n e r a l

- A. M e g a L i n k s e r v i c e i s f u r n i s h e d f o r P r i v a t e L i n e I n t r a L A T A C o m m u n i c a t i o n s b y t h e C o m p a n y .
- B. M e g a L i n k s e r v i c e i s a s e r v i c e f o r t h e t r a n s m i s s i o n o f d i g i t a l s i g n a l s o n l y a n d u s e s o n l y d i g i t a l t r a n s m i s s i o n f a c i l i t i e s .
- C. M e g a L i n k s e r v i c e p r o v i d e s f o r t h e s i m u l t a n e o u s t w o - w a y t r a n s m i s s i o n o f i s o c h r o n o u s d i g i t a l s i g n a l s a t s p e e d s o f D S 1 / 1 . 5 4 4 M b p s , w h e r e f a c i l i t i e s a r e a v a i l a b l e .
- D. T o e n s u r e s a t i s f a c t o r y o p e r a t i o n , t h e t e r m i n a l e q u i p m e n t p r o v i d e d b y t h e c u s t o m e r m u s t b e c o m p a t i b l e w i t h t h e D S 1 / 1 . 5 4 4 M b p s c h a n n e l f a c i l i t y p r o v i d e d b y t h e C o m p a n y . T h e t e c h n i c a l s p e c i f i c a t i o n s a n d s t a n d a r d n e t w o r k i n t e r f a c e s f o r M e g a L i n k s e r v i c e c o n t a i n e d i n T e c h n i c a l R e f e r e n c e P u b l i c a t i o n # 7 3 5 2 5 . T h i s p u b l i c a t i o n i s a v a i l a b l e f r o m D o c u m e n t a t i o n O p e r a t i o n s , N o r t h W 5 A 1 , 3 5 3 5 C o l o n n a d e P a r k w a y , B i m i n g h a m , A l a b a m a 3 5 2 4 3 . (T)
- E. U n l e s s s p e c i f i e d f o l l o w i n g , t h e t e r m s a n d c o n d i t i o n s f o r M e g a L i n k s e r v i c e s p e c i f i e d h e r e i n a p p l y i n a d d i t i o n t o t h e t e r m s a n d c o n d i t i o n s s e t f o r t h i n S e c t i o n B 2 . p r e c e d i n g . (T)
- F. T h e r a t e s s p e c i f i e d f o r M e g a L i n k s e r v i c e i n B 7 . 1 . 3 f o l l o w i n g c o n t e m p l a t e t h e p r o v i s i o n o f a d i g i t a l q u a l i t y f a c i l i t y u t i l i z i n g e x i s t i n g i n t e r o f f i c e c a r r i e r e q u i p m e n t a n d / o r e x c h a n g e c a b l e f a c i l i t i e s c o m p a t i b l e w i t h t h i s s e r v i c e . I f s u c h e q u i p m e n t , n e w f a c i l i t i e s o r c h a n g e s t o e x i s t i n g f a c i l i t i e s a r e r e q u i r e d f o r t h e p r o v i s i o n o f t h i s s e r v i c e , a s p e c i a l c o n s t r u c t i o n c h a r g e b a s e d o n t h e c o s t i n c u r e d t o m a k e t h e c h a n g e s w i l l a p p l y i n a d d i t i o n t o t h e r a t e s f o r M e g a L i n k s e r v i c e .

#### B 7 . 1 . 2 T e r m s a n d C o n d i t i o n s (T)

##### A. D e s c r i p t i o n o f S e r v i c e

1. M e g a L i n k s e r v i c e i s f u r n i s h e d f o r t h e s i m u l t a n e o u s t w o - w a y t r a n s m i s s i o n o f s e r i a l , B i p o l a r R e t u r n - t o - Z e r o ( B P R Z ) i s o c h r o n o u s d i g i t a l s i g n a l s , e x c e p t w h e r e i n t e n t i o n a l b i p o l a r v i o l a t i o n s a r e i n t r o d u c e d b y B i p o l a r w i t h 8 Z e r o S u b s t i t u t i o n ( B 8 Z S ) f o r m a t , a t a s p e e d o f D S 1 / 1 . 5 4 4 M b p s b e t w e e n t w o - p o i n t s l o c a t e d w i t h i n a L A T A .
2. M u l t i p o i n t s e r v i c e i s n o t a v a i l a b l e .
3. M e g a L i n k s e r v i c e i s a v a i l a b l e o n a m o n t h - t o - m o n t h b a s i s o r u n d e r v a r i a b l e r a t e p e r i o d s , w i t h r a t e s b a s e d o n l e n g t h s o f 3 6 m o n t h s , 6 0 m o n t h s <sup>1</sup> , o r 8 4 m o n t h s <sup>1</sup> , u n d e r c o n d i t i o n s s p e c i f i e d i n B 2 . 4 . 9 .
4. C o n n e c t i o n o f D S 1 / 1 . 5 4 4 M b p s c o m m u n i c a t i o n s s y s t e m s p r o v i d e d b y o t h e r s m a y b e m a d e o n a p e r m i s s i v e b a s i s a s p r o v i d e d f o r i n S e c t i o n B 2 . , t h e C o m p a n y d o e s n o t r e p r e s e n t i t s M e g a L i n k s e r v i c e a s a d a p t e d f o r s u c h c o n n e c t i o n s , a n d s h a l l n o t b e r e s p o n s i b l e f o r t h e t h r o u g h t r a n s m i s s i o n o f s i g n a l s , o r t h e q u a l i t y o f s u c h t r a n s m i s s i o n o n s u c h c o n n e c t i o n s .
5. A C h a n n e l S e r v i c e U n i t ( C S U ) o r a p p r o p r i a t e T e r m i n a t i o n E q u i p m e n t ( T E ) p r o v i d e d b y t h e c u s t o m e r i s r e q u i r e d a t a c u s t o m e r ' s o r a u t h o r i z e d u s e r ' s p r e m i s e s t o p e r f o r m s u c h f u n c t i o n s a s :
  - p r o p e r t e r m i n a t i o n o f t h e s e r v i c e
  - a m p l i f i c a t i o n
  - s i g n a l s h a p i n g
  - r e m o t e l o o p - b a c k
6. T h e d e s i g n , m a i n t e n a n c e a n d o p e r a t i o n o f M e g a L i n k s e r v i c e c o n t e m p l a t e s c o m m u n i c a t i o n s o r i g i n a t i n g a n d t e r m i n a t i n g a s ( 1 ) a c u s t o m e r p r e m i s e s t o c u s t o m e r p r e m i s e s c h a n n e l v i a t h e C o m p a n y ' s S e r v i n g W i r e C e n t e r , ( S W C ) - a n d / o r t h r o u g h r e m o t e S W C s ; ( 2 ) a c u s t o m e r p r e m i s e s t o t h e S e r v i n g W i r e C e n t e r - a n d / o r t o r e m o t e S W C s - p a r t i a l c h a n n e l ( l i n k ) ; o r ( 3 ) a c e n t r a l o f f i c e t o c e n t r a l o f f i c e ( i n t e r o f f i c e ) p a r t i a l c h a n n e l ( l i n k ) .

Note 1: A s o f O c t o b e r 1 , 2 0 1 3 , p a y m e n t p e r i o d s g r e a t e r t h a n 3 6 m o n t h s a r e n o l o n g e r a v a i l a b l e f o r n e w o r r e n e w i n g s u b s c r i b e r s .

B7. DIGITAL NETWORK SERVICE

B7.1 MegaLink Service (Contd)

B7.1.2 Terms and Conditions (Contd)

(T)

A. Description of Service (Contd)

- 7. MegaLink service may also be furnished on a link (partial channel) basis when connected to Centrex Type Services<sup>1</sup>, FlexServ service, MegaLink Plus service, MegaLink channel service, and/or another MegaLink service.
- 8. All appropriate rates specified in other guidebook sections are in addition to the monthly rate per package or single channel for MegaLink service specified in this Guidebook.

(T)

B. Definitions

CHANNEL SERVICE UNIT

The term "Channel Service Unit" (CSU) denotes equipment provided by the Customer to terminate a digital facility on the customer's premises.

Note 1: Connection from MegaLink service to Centrex Type Services may not be available from all serving wire centers.

## B 7 . D I G I T A L N E T W O R K S E R V I C E

### B 7 . 1 M e g a L i n k S e r v i c e ( C o n t d )

#### B 7 . 1 . 2 T e r m s a n d C o n d i t i o n s ( C o n t d )

(T)

##### B . D e f i n i t i o n s ( C o n t d )

###### D S 1

This denotes a channel service expressed in terms of its digitally encoded data bit rate in accordance with the North American hierarchy of digital signal levels. It has a 1.544 Mbps transmission data rate, and provides for the two-way simultaneous transmission of isochronous timed, Bipolar Return-to-Zero (BPRZ) bit stream format, except where intentional bipolar violations are introduced by Bipolar with 8 Zero Substitution (B8ZS) format. Unframed signal formats are not permitted or compatible with Company equipment. The required format and interface specifications are contained in Technical Reference Publication #73525.

(T)

###### D I G I T A L L O C A L C H A N N E L

The term "Digital Local Channel" denotes a path for MegaLink service furnished from the Serving Wire Center to the demarcation point on the customer's premises.

###### I N T E R O F F I C E C H A N N E L

The term "Interoffice channel" denotes a path (or paths) for digital transmission between Company Serving Wire Centers within a LAT A . An interoffice channel may be furnished in such manner as the Company may elect.

##### C . A p p l i c a t i o n o f R a t e s

1. Digital Local Channels 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 their Serving Wire Center.
2. Interoffice Channels furnished between Central Offices will be charged at rates based on airline distance between the Central Offices.
3. MegaLink service is available on a month-to-month basis or under variable rate periods, with rates based on lengths of 36 months, 60 months<sup>2</sup>, or 84 months<sup>2</sup> under conditions specified in the Channel Services Payment Plan in B 2 . 4 except as modified following. Contract rate increases are subject to the stipulations of 4 . following.
4. MegaLink service rates under contract will not be increased by Company initiative until the contract period expires. 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.
5. A termination 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 fifty percent (50% ) of the monthly rate provided under the contract. However, termination charges will not apply for customer requests for moves of service under CSPP subject to the provisions set forth in B 2 . 4 . 9 preceding, or for customer requested changes of service under CSPP to Fast Packet Transport Services under the Fast Packet Transport Services Payment Plan or to AT&T Ethernet Services under the Ethernet Payment Plan, subject to the provisions set forth in B 2 . 4 . 9 A . 4 b.
6. Airline distance between Company Central Offices shall be developed using the methodology found in B 3 . 3 . 3 . Fractional mileage shall be rounded up to the next full mile.

##### D . C o n n e c t i o n s

1. Customer-Provided Terminal Equipment, Customer-Provided Derivation Equipment and Customer-Provided Communications System may be connected to MegaLink service when such connection is made in accordance with the provision specified in 2 . , 3 . , and 4 . following.

Note 1: As of October 1, 2013, payment periods greater than 36 months are no longer available for new or renewing subscribers.



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## B 7 . D I G I T A L N E T W O R K S E R V I C E

### B 7 . 1 M e g a L i n k S e r v i c e ( C o n t d )

#### B 7 . 1 . 2 T e r m s a n d C o n d i t i o n s ( C o n t d )

(T)

##### D . C o n n e c t i o n s ( C o n t d )

##### 2 . R e s p o n s i b i l i t y o f t h e C o m p a n y

- a. The responsibility of the Company shall be limited to the furnishing and maintenance of MegaLink service to a network interface on the customer's premises where provision is made for the connection of local service.
- b. The Company shall not be responsible for installation, operation, or maintenance of any terminal equipment or communications systems provided by a customer. MegaLink service is not represented as adapted for the use of such equipment or system. Where such equipment or system is connected to Company facilities the responsibility of the Company shall be limited to the furnishing of facilities suitable for MegaLink service and to the maintenance and operation in a manner proper for such digital service. The Company shall not be responsible for:
  - the transmission of signals generated by such equipment or system, or for the quality of, or defects in, such transmission or
  - the reception of signals by such equipment or systems, or
  - damage to terminal equipment or communications systems provided by a customer or authorized user due to testing.
- c. The Company shall not be responsible to the customer if changes in any of the facilities, operations or procedures of the Company utilized in the provision of MegaLink service render any facilities or equipment provided by a customer obsolete, or require modification or alteration of such equipment or system or otherwise affects its use or performance.
- d. The Company undertakes to maintain and repair the facilities which it furnishes. The customer may not rearrange, disconnect, remove or attempt to repair any equipment installed by the Company without prior written consent of the Company.

##### 3 . R e s p o n s i b i l i t i e s o f t h e C u s t o m e r

- a. The customer is responsible for installing and testing his premises equipment or facilities to insure that when they are connected to MegaLink service such equipment or facilities are operating properly.
- b. The operating characteristics of the customer premises equipment or facilities shall be such as to not interfere with any of the services offered by the Company. Such use is subject to the further provisions that the equipment provided by a customer does not: endanger the safety of Company employees or the public; damage, require change in or alteration of the equipment or other facilities of the Company; interfere with the proper functioning of such equipment or facilities; impair the operation of the Company's facilities or otherwise injure the public in its use of the Company's services. Upon notice that the equipment provided by a customer is causing or is likely to cause such hazard or interference, the customer shall take such steps as shall be necessary to remove or prevent such hazard or interference.
- c. The customer's responsibility shall include cooperative testing with the Company as may be necessary. Where regeneration and/or equalization adjustments or changes may be required to compensate for rearrangements and/or changes in outside plant facilities, the customer will be responsible for all expenses incurred in changes to his premises equipment.

## B 7 . D I G I T A L N E T W O R K S E R V I C E

### B 7 . 1 M e g a L i n k S e r v i c e ( C o n t d )

#### B 7 . 1 . 2 T e r m s a n d C o n d i t i o n s ( C o n t d )

(T)

##### D . C o n n e c t i o n s ( C o n t d )

4. Connection of Customer-Provided Terminal Equipment, Customer-Provided Derivation Equipment and Customer-Provided Communications Systems.

a. The following provisions will apply:

- (1) Customer-Provided Terminal Equipment and/or Customer-Provided Communications Systems may be connected at the premises of the customer to MegaLink service.
- (2) The customer, by use of their own derivation equipment, may create digital bit streams from a MegaLink service and such equipment may be connected for transmission of such bit streams when connected thru a customer-provided CSU/TE.
- (3) The undertaking of the Company is to furnish MegaLink service as ordered and specified by the customer as specified in d. following.

b. Connections to Other Services Furnished by the Company to the Same Customer

MegaLink service furnished by the Company may be connected by the customer to another service or to other services furnished by the Company as specified in 2. preceding. Connected services are subject to all terms and conditions governing the provisioning of those services.

(T)

c. Connections to other services furnished by the Company to different customers

The customer may connect at the premises of the customer, to another MegaLink service or other services furnished by the Company to different customers as specified in 2. preceding. Connected services are subject to all terms and conditions governing provisioning of those services.

(T)

d. Connection of Channel Service Units

A Channel Service Unit (CSU) or appropriate Termination Equipment (TE) must be provided by the customer to connect a Company-provided digital facility. In accordance with Part 68 of the FCC's Rules and Regulations, new grandfathered CSU/TEs may be connected, moved, and reconnected until June 30, 1987. After this date only registered and previously connected grandfathered CSU/TEs may be connected to Company-provided digital facilities.

Grandfathered CSU/TE equipment must comply with the requirements outlined in Technical Reference #73525. This publication is now available from Documentation Operations, North W 5A1, 3535 Colonnade Parkway, Birmingham, Alabama 35243. Registered technical requirements for CSU/TEs are outlined in Part 68 of the FCC's Rules and Regulations. A copy may be obtained from the Federal Communications Commission, Room BB300, Washington, D.C. 20054.

(T)

- e. The customer shall be responsible for payment of a service charge, as set forth in Section B2., for visits by the Company to the premises of the customer where the service difficulty or trouble report results from the use of equipment or facilities provided by the customer.

(T)

##### E . F e a t u r e s

##### 1. Clear Channel Capability

- a. Clear Channel Capability (CCC) is an arrangement that alters a DS1/1.544 Mbps signal with unconstrained information bits, to meet pulse density requirements outlined in Technical Reference #73525. This will allow a customer to transport an all zero octet over a MegaLink service channel providing an available combined maximum 1.536 Mbps data rate. This arrangement requires the customer signal at the channel interface to conform to Bipolar with 8 Zero Substitution (B8ZS) line code as described in Technical Reference #73525.

(T)

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## B7.D DIGITAL NETWORK SERVICE

### B7.1 MegaLink Service (Cont'd)

#### B7.1.2 Terms and Conditions (Cont'd)

(T)

##### E. Features (Cont'd)

###### 1. ClearChannelCapability (Cont'd)

- b. CCC is provided on MegaLink service channels between two customer designated premises from a customer premises to their Serving Wire Center and/or to a remote Serving Wire Center or Node Central Office, and from a central office to a central office, and is subject to the availability of facilities. This optional feature may be ordered at the same time the MegaLink service channel is ordered, or it may be ordered as an additional feature of an existing MegaLink service channel.
- c. When providing CCC via a DS3/44.736 Mbps High Capacity channel, that DS3 channel must be designated, in Company records, as having ClearChannelCapability prior to the provisioning of a DS1/1.544 Mbps High Capacity channel with CCC. Customers must agree to out-of-service periods required to add this feature to an existing MegaLink service channel to be optioned for B8ZS.

##### F. Payment Arrangements and Credit Allowance

1. The minimum period for which MegaLink service is furnished and for which charges are applicable is one month.
2. Suspension of service is not allowed.
3. When MegaLink service is interrupted due to causes other than negligence of the customer, or to the failure of facilities or equipment furnished by the customer, a credit allowance will be made upon request for the portion of service affected. For the purpose of determining the amount of allowance, every month is considered to have 30 days. All credit allowances shall begin from the time of notice by the customer to the Company, and will end when the service is operative. No credit is allowed for interruption to service of less than 30 minutes. Interruptions of 30 minutes or more are credited to the customer at the proportionate monthly rate in half-hour multiples for each half-hour, or major fraction thereof, of interruption. A customer must report the outage in order to receive service outage credit. The total credit received in any month shall not exceed the monthly rate for the service.

B 7 . D I G I T A L N E T W O R K S E R V I C E

B 7 . 1 M e g a L i n k S e r v i c e ( C o n t d )

B 7 . 1 . 3 R a t e s a n d C h a r g e s ( C o n t d )

E . S e r v i c e C o n n e c t i o n C h a r g e s

1. Service Establishment Charges are applicable, for each MegaLink service channel<sup>1</sup> ordered, for receiving and recording information and/or taking action in connection with a customer's request, and processing the necessary data. These charges include engineering design, communication centralized testing and coordination.
2. Service Change Charges are applicable for receiving and recording information and/or taking action in connection with a customer's Inside Move or transfer of service responsibility request, for processing the necessary data on an existing MegaLink service channel.<sup>1</sup> A Service Change Charge is applicable for each MegaLink service channel<sup>1</sup> associated with the customer request (in lieu of a Service Establishment Charge).
3. Premises Visit Charges are applicable, per Digital Local Channel, for the termination of a channel at a customer's premises or for inside moves. Only one Premises Visit Charge applies when more than one channel service of the same type is terminated or moved at the same premises at the same time.
4. Connection charges are applicable for the connection and testing of Digital Local Channels and/or Interoffice Channels. The charges applied are those nonrecurring charges contained in A . and B . preceding.
5. Charges for MegaLink Service
  - a. Service Establishment Charge
    - (1) Per MegaLink Service Channel<sup>1</sup>

	Nonrecurring Charge	USOC
(a) Each <sup>2</sup>	\$556.50	MGLSE
b. Service Change Charge		
(1) Per MegaLink Service Channel <sup>1</sup>		
(a) For Inside Moves, each <sup>2</sup>	338.75	MGL1M
(b) Per Transfers of Responsibility, each <sup>2</sup>	50.00	MGLTR
c. Premises Visit Charge		
(1) Per Digital Local Channel or for an Inside Move <sup>3</sup>		
(a) Per Visit <sup>2</sup>	38.75	MGLPV

- Note 1: Refer to B 7 . 1 . 2 A . 7 . for description of MegaLink service channels. (T)
- Note 2: MegaLink ISDN service, specified in B 7 . 5 references rates and charges for this rate element. (T)
- Note 3: This charge is applicable to additional stations subsequently installed in a building.

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## B7. DIGITAL NETWORK SERVICE

### B7.2 SynchroNet Service<sup>1</sup>

#### B7.2.1 General

- A. SynchroNet service is furnished for IntraLATA Communications by the Company.
- B. The service is provided for the transmission of digital signals only and is furnished only via digital transmission facilities.
- C. SynchroNet service provides for the simultaneous two-way transmission of synchronous digital signals at speeds of 2.4, 4.8, 9.6, 19.2, 56.0 and 64.0 Kbps between customer locations where appropriate digital facilities for this service are available as determined by the Company.
- D. Multipoint Service and/or Secondary Channel capability may not be available in all SynchroNet service locations.
- E. To ensure satisfactory operation, the terminal equipment provided by the customer must be compatible with the channel facility provided by the Company.
- F. Unless specified following, the terms and conditions for SynchroNet service specified herein apply in addition to the terms and conditions set forth in Section B2. preceding. (F)

Note 1: Certain material which previously appeared in this section has been vintaged for existing customers (with service in place prior to August 4, 1993) and may be found in Section B107.

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## B7.DIGITAL NETWORK SERVICE

### B7.2 SynchroNet Service<sup>1</sup> (Contd)

#### B7.2.1 General (Contd)

- G. The rates specified for SynchroNet service are in B7.2.3 following. The Company will provide a digital facility over existing interoffice carrier equipment and/or transmission facilities compatible with SynchroNet service.
- H. SynchroNet service is available on a month-to-month basis or under contract plans as described in B7.2.2.G. following.

#### B7.2.2 Terms and Conditions

##### A. Description of Service

1. Service is furnished for the simultaneous two-way transmission of digital signals at synchronous rates of 2.4, 4.8, 9.6, 19.2, 56.0 and 64.0 Kbps between two or more points located within a LATAs.
2. Service is furnished for duplex operation only. This service may also be furnished on a link (partial channel) basis when connected to FlexServ service, MegaLink channel service, and/or SMARTRing service.
3. A minimum initial service period of three months is required.
4. The design, maintenance and operation of SynchroNet service contemplates communications originating or terminating at stations of the customer or user. While connections to communications systems provided by others may be made on a permissive basis as provided for in Section B2, the Company does not represent this service as adapted for such connections, and shall not be responsible for the through transmission of signals, or the quality of such transmission on such connections.
5. A Channel Service Unit provided by the customer is required at a customer's or authorized user's premises to perform such functions as:
  - proper termination of the service
  - amplification
  - signal shaping
  - remote loop-back

##### B. Definitions

###### CHANNEL SERVICE UNIT

The term "Channel Service Unit" (CSU) denotes equipment provided by the customer to terminate a digital facility on the customer's, user's or Other Communication Carrier's premises.

Note 1: Certain material which previously appeared in this section has been vintaged for existing customers (with service in place prior to August 4, 1993) and may be found in Section B107.

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## B7.D DIGITAL NETWORK SERVICE

### B7.2 SynchroNet Service<sup>1</sup> (Contd)

#### B7.2.2 Terms and Conditions (Contd)

(T)

##### B. Definitions (Contd)

###### DIGITAL INTEROFFICE CHANNEL

The term "Digital Interoffice Channel" denotes a path (or paths) for digital transmission between Serving Wire Centers and Node Central Offices or between Node Central Offices, within a LATA. An interoffice channel may be furnished in such manner as the Company may elect.

###### DIGITAL LOCAL CHANNEL

The term "Digital Local Channel" denotes a path for SynchroNet service furnished from the Serving Wire Center to the demarcation point on the customer's premises.

###### MULTIPOINT SERVICE

The term "Multipoint Service" denotes a service which provides communications capability between more than two points by means of a bridging or hubbing arrangement. For the provision of SynchroNet service, the bridging or hubbing arrangement shall be located at the same Node Central Office.

###### NODE CENTRAL OFFICE

The term "Node Central Office" denotes that physical location the Company has designated as a test, maintenance and monitoring center to service one or more Serving Wire Centers. There may be more than one Node Central Office within a LATA.

###### POINT

A point is a location on the customer's premises at which a Digital Local Channel is terminated. Each SynchroNet service point requires service from a Node Central Office.

###### SECONDARY CHANNEL CAPABILITY

The term "Secondary Channel Capability" denotes the offering of a companion digital transmission capability over the same physical facility as the primary channel at a lower bit rate. Terminal equipment required to support secondary channel capability must be provided by the customer.

Note 1: Certain material which previously appeared in this section has been vintaged for existing customers (with service in place prior to August 4, 1993) and may be found in Section B107.

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## B7.D DIGITAL NETWORK SERVICE

### B7.2 Synchronet Service<sup>1</sup> (Contd)

#### B7.2.2 Terms and Conditions (Contd)

(T)

##### B. Definitions (Contd)

###### SERVING WIRE CENTER

The term "Serving Wire Center" denotes the local telephone central office assigned to subscribers in a well defined area. A Serving Wire Center may be further designated by the Company as a Node Central Office.

##### C. Method of Applying Rates

1. A Digital Local Channel is furnished between a Serving Wire Center and the demarcation point on the customer's premises.
2. Node Channel Terminations are applied to each termination within the Node Central Office. A charge is applicable for each Local Channel or equivalent.
3. A Digital Interoffice Channel will be required when a Digital Local Channel originates from a Serving Wire Center that is not a Node Central Office. The rate is based on airline mileage, or fraction thereof, between the Serving Wire Center and the Node Central Office.
4. Airline distance between Company central offices shall be developed using methodology and Vertical (V) and Horizontal (H) coordinates contained in the National Exchange Carrier Association (NECA) Tariff FCC No. 4. Fractional miles are to be rounded up to the next full mile.

##### D. Connections

1. Customer-Provided Terminal Equipment, Customer-Provided Derivation Equipment and Customer-Provided Communications Systems may be connected to Synchronet service when such a connection is made in accordance with the provision specified in 2. and 3. following.
2. The responsibility of the Company shall be limited to the furnishing and maintenance of service to a network interface on the customer's or user's premises where provision is made for the connection of local service. If the customer requires a different location in the same building, it can be provided under B7.2.5.B.1. Customers or users are responsible for installing and testing their premises equipment or facilities to insure that when they are connected with the Synchronet service such equipment or facilities are operating properly.
3. The customer responsibility shall include cooperative testing with the Company as may be necessary. Where regeneration and/or equalization adjustments or changes may be required to compensate for rearrangements and/or changes in outside plant facilities, customers or users will be responsible for all expenses incurred in changes to their premises equipment.

Note 1: Certain material which previously appeared in this section has been vintaged for existing customers (with service in place prior to August 4, 1993) and may be found in Section B107.



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B7.D DIGITAL NETWORK SERVICE

B7.2 Synchronet Service<sup>1</sup> (Contd)

B7.2.2 Terms and Conditions (Contd)

(T)

D. Connections (Contd)

4. The customer shall be responsible for payment of a service charge, as set forth in Section B2., for visits by the Company to the premises of the customer or user where the service difficulty or trouble report results from the use of equipment or facilities provided by the customer.

Note 1: Certain material which previously appeared in this section has been vintaged for existing customers (with service in place prior to August 4, 1993) and may be found in Section B107.

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## B 7 . D I G I T A L N E T W O R K S E R V I C E

### B 7 2 S y n c h r o N e t S e r v i c e<sup>1</sup> (Contd)

#### B 7 2 2 T e r m s a n d C o n d i t i o n s (C o n t d)

(T)

##### D . C o n n e c t i o n s (C o n t d)

5. Connection of Customer-Provided Terminal Equipment, Customer-Provided Derivation Equipment and Customer-Provided Communications Systems.

a. The following provisions will apply:

- (1) Customer-Provided Terminal Equipment, Customer-Provided Communications Systems may be connected at the premises of the customer, or user to Synchronet service.
- (2) Customer or users, by use of their own derivation equipment, may create digital bit streams from Synchronet service. Such equipment may be connected for transmission of such bit streams when connected through a customer-provided CSU.

b. Connections to Other Services Furnished by the Company to the Same Customer

Synchronet service as furnished by the Company may be connected to another service or to other services furnished by the Company as specified following:

- (1) At the premises of the customer or user to Series 2000 analog data channels furnished under the rates, terms and conditions in this Guidebook.

(T)

c. Connections to other services furnished by the Company to different customers

Synchronet service as furnished by the Company to a customer may be connected at the premises of the customer or user to other services furnished by the Company to different customers as specified in D 2. preceding.

d. Connection of Channel Service Units

A Channel Service Unit (CSU) must be provided by the customer to connect a Company-provided digital facility. In accordance with Part 68 of the FCC's Rules and Regulations, new grandfathered CSUs may be connected, moved, and reconnected until June 30, 1987. After this date only registered and previously connected grandfathered CSUs may be connected to Company-provided digital facilities.

Grandfathered CSU equipment must comply with the requirements outlined in the Technical Reference Publication #62310, dated September, 1983. This publication is now available from Publishers' Data Center, Inc., P.O. Box C 738, Pratt Street Station, Brooklyn, New York 11205. Registered technical requirements for CSUs are outlined in Part 68 of the FCC's Rules and Regulations. A copy may be obtained from the Federal Communications Commission, Room BB300, Washington, D.C. 20054.

(T)

Note 1: Certain material which previously appeared in this section has been vintaged for existing customers (with service in place prior to August 4, 1993) and may be found in Section B107.

(T)

B7.D DIGITAL NETWORK SERVICE

B7.2 Synchronet Service<sup>1</sup> (Cont'd)

D. Connections (Cont'd)

(T)

5. (Cont'd)

e. Responsibility of the Company

(1) The Company shall not be responsible for installation, operation or maintenance of any terminal equipment or communications systems provided by a customer or user. Synchronet service is not represented as adapted to the use of such equipment or system. Where such equipment or system is connected to Company facilities the responsibility of the Company shall be limited to the furnishing of facilities suitable for Synchronet<sup>®</sup> service and to the maintenance and operation in a manner proper for such digital service. The Company shall not be responsible for:

- the through transmission of signals generated by such equipment or system, or for the quality of, or defects in such transmission or
- the reception of signals by such equipment or systems, or
- damage to terminal equipment or communications systems provided by a customer or authorized user due to testing.

Note 1: Certain material which previously appeared in this section has been vintaged for existing customers (with service in place prior to August 4, 1993) and may be found in Section B107.

(T)

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## B7.DIGITAL NETWORK SERVICE

### B7.2 SynchroNet Service<sup>1</sup> (Contd)

#### B7.2.2 Terms and Conditions (Contd)

##### D. Connections (Contd)

##### 4. (Contd)

##### e. Responsibility of the Company (Contd)

- (2) The Company shall not be responsible to the customer or user if changes in any of the facilities, operations or procedures of the Company utilized in the provision of SynchroNet service render any facilities or equipment provided by a customer or user obsolete, or require modification or alteration of such equipment or system, or otherwise affects its use or performance.
- (3) The Company undertakes to maintain and repair the facilities which it furnishes. The customer or user may not rearrange, disconnect, remove or attempt to repair any equipment installed by the Company without prior written consent of the Company.
- (4) The Company has set a design objective of 99.5 percent error free seconds of operation at all speeds with SynchroNet service.

##### E. Payment Arrangements and Credit Allowance

1. The minimum period for which month-to-month service is furnished and for which charges are applicable is three months.
2. Suspension of service is not allowed.
3. When service is interrupted due to causes other than the negligence of the customer or user, or the failure of facilities furnished by the customer or user, a credit allowance will be made upon request for the portion of the service which is affected. For the purpose of determining the amount of allowance every month is considered to have thirty days and only those stations on the interrupted portions of a service shall be considered in determining the number of stations affected. All such credit allowances shall begin from the time of notice by the customer or user to the Company that an unsatisfactory performance level has occurred, provided that the customer or user promptly releases the service as requested by the Company to perform testing and maintenance.
  - a. Interruptions of less than three hours - no credit is applied.<sup>2</sup>
  - b. Interruptions of three hours or over are credited to the customer at the proportionate monthly charge in half-hour multiples for each half-hour or major fraction thereof of interruption.
  - c. Interruption for a period of twenty-four hours or more, credit is allowed for the proportionate part of the monthly charge in multiples of one day for each twenty-four hours or major fraction thereof of interruption for the portion of the service affected by the interruption.

Note 1: Certain material which previously appeared in this section has been vintaged for existing customers (with service in place prior to August 4, 1993) and may be found in Section B107.

Note 2: Two or more interruptions of thirty minutes or more, during any period up to, but not including three hours, shall be considered as one interruption.

## B 7 . D I G I T A L N E T W O R K S E R V I C E

### B 7 . 2 S y n c h r o N e t S e r v i c e <sup>1</sup> ( C o n t d )

(T)

#### B 7 . 2 . 2 T e r m s a n d C o n d i t i o n s ( C o n t d )

##### F . C o n t r a c t P l a n s

1. The contract plans are available under conditions specified in the Channel Services Payment Plan in B 2 . 4 except as follows.
  - a. SynchronNet service is offered under contract plan periods described in (1) and (2) following.
    - (1) Twenty-four to forty-two month Contract Plan<sup>2,3</sup> - payment periods may be selected from twenty-four to forty-two months.
    - (2) Forty-three to seventy-two month Contract Plan<sup>2,3</sup> - payment periods may be selected from forty-three to seventy-two months.
  - b. SynchronNet service rates under contract plans will not be changed by Company initiative until the contract period expires. Rates in effect at the time the service is installed and/or when the Company is notified in writing of the subscriber's choice of payment period options, will be applicable until the contract plan expires except as specified in B 2 . 4 . 9 A . 7 a. preceding. At the expiration date of the customer's payment period option, the customer may select a new payment period option at the current rates or revert to current rates on a month-to-month basis.
  - c. A termination charge is applicable at the date of termination if the customer terminates or disconnects the service prior to fulfilling the period of the contract plan except as specified in (2) following. However, termination charges will not apply for customer requests for moves of service under CSPP subject to the provisions set forth in B 2 . 4 . 9 preceding. The termination charge is fifty percent (50%) of the following: the contracted monthly rate times the number of months in the contract plan, less the contracted monthly rate times the number of months the service has been installed. An example is provided in (1) following.
    - (1) A customer subscribes to SynchronNet service using the twenty-four to forty-two month payment plan. The actual duration of the contract plan is for thirty months. The subscriber terminates the service after twelve months. The total charge is thirty months times the monthly rate. The amount is then reduced to reflect the number of months the subscriber has had the service, which in this example is twelve months. Therefore, the termination liability is calculated as follows:  

$$\text{Termination Charge} = 50 \times [(30 \text{ months} \times \text{monthly rate}) - (12 \text{ months} \times \text{monthly rate})]$$
    - (2) A termination charge will not be applicable at the date of termination if the customer terminates or disconnects the service prior to fulfilling the period of the contract plan for customer requested changes to a higher order of service covered by the Channel Services Payment Plan as specified in B 2 . 4 . 9 A . 4 b. or customer requested changes to services not covered by the Channel Services Plan that are offered by the Company under a contract payment plan provided that the applicable conditions set forth in B 2 . 4 . 9 A . 4 b. are satisfied.

Note 1: Certain material, which previously appeared in this section has been vintaged for existing customers (with service in place prior to August 4, 1993) and may be found in Section B107.

Note 2: As of October 1, 2013, payment periods greater than 36 months are no longer available for new or renewing subscribers.

Note 3: Effective December 31, 2013, customers may not establish new term plans of any length for SynchronNet Service, and existing term plans may not be renewed. For new service, or for existing service after any term plan expires, service will be provided only on a month-to-month basis.

B7.DIGITAL NETWORK SERVICE

B7.2 SynchroNet Service<sup>1</sup> (Contd)

B7.2.3 Rates and Charges (Contd)

Note 1: Certain material which previously appeared in this section has been vintaged for existing customers (with service in place prior to August 4, 1993) and may be found in Section B107.

(T)

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## B 7 . D I G I T A L N E T W O R K S E R V I C E

### B 7 . 2 S y n c h r o N e t S e r v i c e<sup>1</sup> (Contd)

#### B 7 . 2 . 4 T y p e s o f R a t e s a n d C h a r g e s

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

1. Monthly Rates

Monthly rates are recurring charges that apply each month or fraction thereof that a service is provided. For billing purposes, each month is considered to have thirty days.

2. Nonrecurring Charges

Nonrecurring Charges are one-time charges that apply for a specific work activity. The three types of nonrecurring charges that apply are installation of service, installation of features and functions and service rearrangements.

a. Installation of Service

Nonrecurring charges apply for each service terminated at the customer's premises. For the installation of local channels when more than one of the same type of service, between the same premises locations, for the same customer is ordered and installed at the same time, one at each location is billed at the First Service Installed rate and the others are billed at the Additional Service Installed rate.

The nonrecurring charges for the Installation of Services are set forth in B 7 . 2 . 3 A . preceding.

Rates and charges for Network Interface Equipment are set forth in Section A 14 . of the General Exchange Guidebook. (T)

b. Nonrecurring charges apply for the installation of features and functions available with the various services. For some features and functions there is a lower charge if installed coincident with the service and a higher charge if installed subsequent to the service. Nonrecurring charges for Optional Features and Functions are set forth in B 7 . 2 . 3 C . preceding.

c. Service Rearrangements

(1) Service rearrangements are changes to existing (installed) services which do not result in either a change in the minimum period requirements or a change in the physical location of the point of termination at a customer premises. Changes which result in the establishment of new minimum period obligations are treated as disconnects and starts. Changes in the physical location of the point of termination are treated as moves and are described and charged for as set forth in B 7 . 2 . 5 .

Note 1: Certain material which previously appeared in this section has been vintaged for existing customers (with service in place prior to August 4, 1993) and may be found in Section B 107. (T)

## B 7 . D I G I T A L N E T W O R K S E R V I C E

### B 7 . 2 S y n c h r o N e t S e r v i c e <sup>1</sup> ( C o n t d )

#### B 7 . 2 . 4 T y p e s o f R a t e s a n d C h a r g e s ( C o n t d )

##### A . ( C o n t d )

##### 2 . N o n r e c u r r i n g C h a r g e s ( C o n t d )

##### c . S e r v i c e R e a n g e m e n t s ( C o n t d )

##### ( 1 ) ( C o n t d )

The charge to the customer for the service rearrangement is dependent on whether the change is administrative only in nature or involves actual physical change to the service.

Administrative changes will be made without charge(s) to the customer. Such changes require the continued provision and billing of the Private Line Service to the same entity (i.e., customer remains responsible for all outstanding indebtedness for the service). Administrative changes are as follows:

- Change of customer name (i.e., the customer of record does not change but rather the customer of record changes name),
- Change of customer or customer's premises address when the change of address is not a result of a physical relocation of equipment.
- Change in billing data (name, address or contact name or telephone number).
- Change of jurisdiction, e.g., intraLATA to intrastate, intrastate to interstate, etc. No Termination Liability Charges apply for service billed under the Channel Services Payment Plan (CSPP) if the customer subscribes to a payment arrangement offered in the appropriate guidebook which is a minimum twenty-four month service period or equals/exceeds the remaining contract period, whichever is greater.

(T)

##### ( 2 ) A l l o t h e r s e r v i c e r e a n g e m e n t s w i l l b e c h a r g e d f o r a s f o l l o w s :

- If the change involves the addition of other customer designated premises to an existing multipoint service, the nonrecurring charge for the local channel rate element(s) being added will apply. Nonrecurring charges for interoffice channel mileage may also apply.
- If the change involves the addition of other customer designated premises to an existing two-point service, resulting in a multipoint circuit configuration, the nonrecurring charge for the local channel rate element(s) being added will apply. Nonrecurring charges for interoffice channel mileage may also apply.
- If the change involves the disconnection of a customer designated premises from an existing multipoint circuit resulting in a two-point circuit configuration, no charge will apply.
- If the change involves the addition of an optional feature or function which has a separate nonrecurring charge, that nonrecurring charge will apply.
- Customer required changes of data transmission rates for a SynchroNet service, subsequent to initial installation and where no premises visit is required, will not be treated as a change of service. One-half of the standard guidebook nonrecurring charges as outlined under B 7 . 2 . 3 A . and B . will be applicable for these data transmission rates.
- For rearrangements and all other activities involving physical changes to the service provided or the addition of optional features without separate nonrecurring charges, a charge equal to a local channel rate element nonrecurring charge will apply. Only one such charge will apply per service order, per change.

(T)

Note 1: Certain material which previously appeared in this section has been vintaged for existing customers (with service in place prior to August 4, 1993) and may be found in Section B107.

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## B7.D DIGITAL NETWORK SERVICE

### B7.2 SynchroNet Service<sup>1</sup> (Cont'd)

#### B7.2.4 Types of Rates and Charges (Cont'd)

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

##### 2. Nonrecurring Charges (Cont'd)

##### c. Service Rearrangements (Cont'd)

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

- For a change of customer of record, where no specific transfer of service charge is stated, and for all other activities involving no physical changes, the following charges will apply: (1) If the request is for multiple circuits of the same type or speed, a charge equal to one "First" Local Channel nonrecurring charge applies, (2) If the request is for only one circuit, a charge equal to one "Additional" Local Channel nonrecurring charge applies, (3) If the request is for multiple circuits of different types or speeds, charges will be applicable for each type of circuit according to the same guidelines in (1) and (2) preceding.

#### B7.2.5 Moves

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

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

Note 1: Certain material which previously appeared in this section has been vintaged for existing customers (with service in place prior to August 4, 1993) and may be found in Section B107.

(T)

## B 7. D I G I T A L N E T W O R K S E R V I C E

### B 7.2 SynchroNet Service<sup>1</sup> (Cont'd)

#### B 7.2.5 Moves (Cont'd)

- B. The charges for the move are dependent on whether the move is to a new location within the same building or to a different building.
1. Moves Within the Same Building  
When the move is to a new location within the same building, the charge for the move will be an amount equal to one-half the nonrecurring (i.e., installation) charge for the affected service termination at the customer's premises. There will be no change in the minimum period requirements. If a move is made at the same time a service rearrangement is made, the total charge will never exceed a full nonrecurring charge for the basic service.
  2. To a Different Building  
Moves to a different building, other than addressed in 3. following, will be treated as a discontinuance and a start of service and all associated nonrecurring charges will apply. New minimum period requirements will be established at the new location except as provided for in B 7.2.2.F. for service under CSPP. The customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued service.
  3. Moves of Service(s) under CSPP  
Customer requests for moves of service under CSPP, other than inside moves, will be subject to the conditions stated in B 2.4.9.A.11. preceding.

### B 7.3 MegaLink Channel Service

#### B 7.3.1 General

- A. MegaLink channel service is an intraLATA digital service which provides channelization capability for the customer in the Company's central office. MegaLink channel service is provided in packages based on multiple voice grade channel equivalents (DS0) where twenty-four voice grade channels are equal to a DS1. This service provides local channels and/or interoffice channels for network exchange access, Foreign Exchange Service, Centrex Type Services main station lines, off-premises stations, tie lines, WATS lines, analog data channels, Broadband Exchange Lines and digital data services (at 2.4 Kbps, 4.8 Kbps, 9.6 Kbps, 19.2 Kbps, 56.0 Kbps, 64.0 Kbps and 1.544 Mbps data rates).
- B. Channelization is provided by D type channel banks which are offered in various basic system capacities and feature activation types. Individual channel services are made available by selecting the specific feature activation equipment desired in a basic system. The customer may channelize all or part of a MegaLink channel service package to activate voice and data facilities for interconnection with the exchange network, voice grade and data facilities for private line channels, as well as other MegaLink channel services. The customer may also choose not to channelize all or part of a MegaLink channel service package allowing direct connection to other DS1 services as provided in this Guidebook or the General Exchange Guidebook (GEGB). The customer may also choose not to channelize all or part of a MegaLink channel service package to allow for direct connection in the Company's central offices to FlexServ service and Centrex Type Services tie line applications. Direct integration of this service in the Company's central offices is not permitted for the provisioning of individual business line, PBX trunk or Centrex Type Services main station line applications.
- C. This service is available within a LATA where appropriate digital facilities are available as determined by the Company. Service inquiries will be necessary to determine availability. Special Construction charges for MegaLink service will apply as specified in B 7.1 preceding.
- D. Individual channels within a MegaLink channel service package may be connected with service offered in other sections of this Guidebook and the General Exchange Guidebook as appropriate. The terms, conditions, rates and charges in this Guidebook are applicable for the MegaLink channel service component of the customer's end-to-end service. Single channel service components (non-MegaLink channel service links) are subject to the terms, conditions, rates and charges in their respective guidebook sections.

Note 1: Certain material which previously appeared in this section has been vintaged for existing customers (with service in place prior to August 4, 1993) and may be found in Section B 107.

## B7.D DIGITAL NETWORK SERVICE

### B7.3 MegaLink Channel Service (Cont'd)

#### B7.3.1 General (Cont'd)

##### H. (Cont'd)

1. Responsibilities of the Company: (Cont'd)
  - f. Digital synchronization timing for MegaLink channel service will be provided by the Company.
2. Responsibilities of the Customer:
  - a. The customer must be prepared to activate his portion of joint service in a timely manner on the negotiated date, providing testing equipment and personnel to support installation requirements, as may be necessary.
  - b. The customer will be responsible for selecting his own equipment. Customer equipment must be compatible with the Company provided channelization at the central office.

##### 3. Trouble resolutions:

The Company will assist the customer in resolving any installation or day to day channel service problems. However, the Company does not assume responsibility for the compatibility or suitability of the customer's equipment. Dispatches to customer premises caused by customer equipment troubles will result in Maintenance of Service Charges to the customer.

- I. The technical specifications and standard network interfaces for MegaLink service and associated channelized services are contained in Technical Reference #73525. This publication is available from Documentation Operations, North W 5A1, 3535 Colonnade Parkway, Birmingham, Alabama 35243. Channelized MegaLink service is available only with D4 channel bank equipment or compatible, equivalent equipment. (T)
- J. Emerging technology, such as low bit rate voice multiplexing techniques, may permit additional quantities of individual channels to be channelized on a single 1.544 Mbps signal. Equipment providing this capability does not generally assure compatibility between different manufacturers. Some equipment may not be suitable for data transmission or tandem network line application. Rates, charges, and availability of this equipment will be negotiated with the customer on an individual case basis. (T)

#### B7.3.2 Application of Rates

- A. Monthly rates as specified in B7.3.4 following apply for each MegaLink channel service according to the system capacity of voice grade equivalent channels in each package. These rates apply regardless of the number of voice grade circuit equivalents within each package that are actually activated by the customer at a point in time. In addition, rates and charges for associated MegaLink service channels in B7.1 are applicable. (T)
- B. Exchange Network Access is provided for channels within each MegaLink channel service package at the rates and charges specified in B7.3.4 following and apply for each channel within a package that is activated for Exchange Network Access. In addition, all applicable terms, conditions, rates and charges specified in A3.1.1 of the General Exchange Guidebook will apply. (T)
- C. Rates and charges specified in other guidebook sections for services such as Touch-Tone, Custom Calling Service, etc., are in addition to the monthly rate for MegaLink channel services. Also, the rates and charges for other services that may be interconnected or extended beyond the basic MegaLink channel service, such as off-premises stations, tie lines, private lines, etc., are in addition to the rates specified in this Guidebook for those portions of channel services necessary to provide end-to-end service. Rates and charges for single MegaLink service channels used to connect MegaLink channel services when used as part of the same communications system, will be as specified in B7.1 preceding. (T)
- D. All usual and applicable Service Connection Charges and/or Nonrecurring Charges as specified in other guidebooks apply to the activation, move or change of channel equivalents within MegaLink channel service packages as well as for installation of the basic system. Suspension of service is not permitted with MegaLink channel service. (T)

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## B7.DIGITAL NETWORK SERVICE

### B7.3 MegaLink Channel Service (Cont'd)

#### B7.3.3 Digital Architecture and Definitions (Cont'd)

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

Many MegaLink service channels will be available on a digital basis at the network interface on a customer's premises. Traditional analog services, like tie lines, off-premises stations, and PBX trunks can be provided on a digital basis to a customer's premises by the Company when a customer desires them encoded in a 1.544 Mbps (DS1) bit stream. Under those conditions, they will be provided as DS0 channels by the Company. Both the Company and the customer have joint responsibilities to ensure the proper transmission of the provided services. Normal analog channel network interface specifications will be superseded by the electrical specifications of the MegaLink service channel which is actually terminated. Each DS0 channel provided will have identity only as a "time slot" within a DS1 channel. Compatible Digital to analog conversion equipment must be provided by the customer to derive the desired analog services. Any Channel Service Units (CSUs) necessary for digital services are the responsibility of the customer.

##### B. Definitions

###### CHANNEL SERVICE UNIT (CSU)

The term CSU denotes network channel terminating equipment provided by the customer to terminate digital channel facilities on a customer's or user's premises.

###### DS0

The term DS0 denotes a channel service expressed in terms of its digitally encoded data bit rate in accordance with the North American hierarchy of digital signal levels. It is generally referred to as having a 64.0 Kbps transmission bit rate signal. The required format and interface specifications are referenced in Technical Reference #73525. (T)

###### DS1

The term DS1 denotes a channel service expressed in terms of its digitally encoded bit rate in accordance with the North American hierarchy of digital signal levels. It has a 1.544 Mbps transmission data rate, and provides for the two-way simultaneous transmission of isochronous timed, Bipolar Return-to-Zero (BPRZ) bit stream format, except where intentional bipolar violations are introduced by Bipolar with 8 Zero Substitution (B8ZS) format. Unframed signal formats are not permitted or compatible with Company equipment. The required format and interface specifications are contained in Technical Reference #73525. (T)

B7.D DIGITAL NETWORK SERVICE

B7.3 MegaLink Channel Service (Cont'd)

B7.3.4 Rates and Charges (Cont'd)

C. Transfer Charges

1. Transfer Between Customers

(a) Per Transfer	Nonrecurring Charge \$50.00	USOC NA
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D. Mileage Charges

Rates and charges for MegaLink service and MegaLink Plus service as contained in B7.1 and B7.9 are applicable. Generally, one 1.544 Mbps channel is required for each group of 24 voice equivalent channels provided. However, some applications, such as 56 Kbps, may require two voice grade equivalent channels per channel provided by the Company.

E. Automatic Protection Switching (APS)

APS for a MegaLink service interface provides automatic DS1 channel switching to a backup DS1 channel upon primary facility failure. When provided via MegaLink service, this feature requires purchase of an additional MegaLink service channel from B7.1 for each backup channel required. Rates, charges and availability of this equipment will be negotiated with the customer on an individual case basis and subject to the approval of the appropriate regulatory authority. This feature may not be available with lines utilizing the Clear Channel Capability line code (B8ZS). (T)

F. Switching Arrangements, Multipoint/Multistation Bridging and Data Conditioning Rates.

Rates and charges are those that would be applicable to single channel services.

G. Signaling Arrangements

Rates and charges for single channels, as contained in A13.1 of the General Exchange Guidebook and Section B3., are not applicable to local channel and interoffice link segments that are channelized under the MegaLink channel services offering. However, rates and charges for automatic ringdown (20 Hz.) signaling, as contained in Section B4., are applicable when this is desired by the customer. (T)

H. Exchange Network Access

Rates and charges for Network Access Registers are applicable as contained in A3.11 of the General Exchange Guidebook in addition to Feature Activation and other MegaLink channel service rates and charges contained in this section. (T)

I. Inside Moves of Basic Systems

Inside moves of Basic Systems, from one location to another within a building, will be provided at nonrecurring charges equal to the customer premises nonrecurring charge for the size of the Basic System being moved.

**B 7 . D I G I T A L N E T W O R K S E R V I C E**

**B 7 . 4 L i g h t G a t e S e r v i c e**

**B 7 . 4 . 1 G e n e r a l**

A . L i g h t G a t e s e r v i c e i s a n i n t r a L A T A f i b e r o p t i c b a s e d , d i g i t a l s e r v i c e w h i c h p r o v i d e s c h a n n e l i z a t i o n c a p a b i l i t y f o r t h e c u s t o m e r i n p a c k a g e s b a s e d o n s y s t e m s c o n s i s t i n g o f D S 3 , D S 1 , S T S - 1 , O C - 3 , O C - 1 2 , O C - 4 8 a n d O C - 1 9 2 c h a n n e l s . I t w i l l p r o v i d e l o c a l c h a n n e l s a n d / o r i n t e r o f f i c e c h a n n e l s i n t h e f o l l o w i n g s y s t e m s i z e s :

- A s y n c h r o n o u s - L i g h t G a t e 1
- S y n c h r o n o u s - S T S - 1 , O C - 3 , O C - 1 2 , O C - 4 8 a n d O C - 1 9 2 L i g h t G a t e s e r v i c e

A s y n c h r o n o u s s y s t e m s a r e c a p a b l e o f t r a n s p o r t i n g D S 1 a n d D S 3 c h a n n e l s . S y n c h r o n o u s s y s t e m s a r e c a p a b l e o f t r a n s p o r t i n g a l l c h a n n e l s . T h e c a p a c i t y o f e a c h L i g h t G a t e s e r v i c e s y s t e m i s s h o w n i n t h e f o l l o w i n g t a b l e :

<u>L i g h t G a t e S y s t e m</u>	<u>D S 1</u>	<u>D S 3</u>	<u>S T S - 1</u>	<u>O C - 3</u>	<u>O C - 1 2</u>	<u>O C - 4 8</u>
L i g h t G a t e 1	28	1				
L i g h t G a t e S T S - 1	28		1			
L i g h t G a t e O C - 3	84	3	3	1		
L i g h t G a t e O C - 1 2	336	12	12	4	1	
L i g h t G a t e O C - 4 8	1344	48	48	16	4	1
L i g h t G a t e O C - 1 9 2	5376	192	192	64	16	4

B . C h a n n e l i z a t i o n i s p r o v i d e d b y L i g h t G a t e s e r v i c e S y s t e m s w h i c h f u n i s h f i b e r o p t i c t r a n s p o r t f r o m t h e c e n t r a l o f f i c e t o a c u s t o m e r s p r e m i s e s . C h a n n e l i n t e r f a c e s a r e o f f e r e d t o p r o v i d e i n d i v i d u a l D S 1 , F l e x D S 1 , D S 3 , D S 3 ( A s y m m e t r i c a l w i t h D S 1 / F l e x D S 1 ) , S T S - 1 , O C - 3 , O C - 1 2 , O C - 4 8 , 1 0 M b p s , 1 0 0 M b p s , F r a c t i o n a l 1 0 0 0 M b p s a n d 1 0 0 0 M b p s c h a n n e l s . T h e c u s t o m e r m a y c h a n n e l i z e a l l o r p a r t o f a L i g h t G a t e s e r v i c e p a c k a g e t o a c t i v a t e d a t a f a c i l i t i e s f o r i n t e r c o n n e c t i o n w i t h t h e e x c h a n g e n e t w o r k , v o i c e g r a d e a n d d a t a f a c i l i t i e s f o r p r i v a t e l i n e c h a n n e l s , a s w e l l a s o t h e r L i g h t G a t e s e r v i c e s . T h e c u s t o m e r m a y a l s o c h o o s e n o t t o c h a n n e l i z e a l l o r p a r t o f a L i g h t G a t e s e r v i c e p a c k a g e a l l o w i n g d i r e c t c o n n e c t i o n t o o t h e r L i g h t G a t e s e r v i c e s , D S 3 o r D S 1 s e r v i c e s a s p r o v i d e d i n t h e P r i v a t e L i n e G u i d e b o o k o r t h e G e n e r a l E x c h a n g e G u i d e b o o k . ( O C - 1 2 , O C - 4 8 a n d O C - 1 9 2 L i g h t G a t e s e r v i c e l o c a l c h a n n e l s y s t e m s a n d O C - 1 9 2 i n t e r o f f i c e c h a n n e l s y s t e m s a r e o n l y a v a i l a b l e a s c h a n n e l i z e d . )

(T)

## B 7. D I G I T A L N E T W O R K S E R V I C E

### B 7.4 LightGate Service (Cont'd)

#### B 7.4.1 General (Cont'd)

- D. OC-3, OC-12 and OC-48 LightGate service local channel systems may have an optical physical interface at either the serving wire center or the customer termination location. Where a customer elects to order a LightGate service local channel system with optical termination at the customer's location, the customer's termination equipment must be compatible with Company equipment in the serving wire center. Customers are also required to utilize compatible channel interface combinations to function with Company provided central office channel interfaces. The Company reserves the right to determine the equipment it employs for service.
- E. This service is available within a LATA where appropriate digital facilities can be made available as determined by the Company. Service inquiries will be necessary to determine availability interval.
- F. All LightGate services in a customer's package must be channelized in a single equipment location on a customer's premises, i.e., a package cannot be split between premises, or multiple locations within a premises. Standard network interfaces will be provided by the Company for digital services consistent with existing practices for single channel services.
- G. Individual channels within a LightGate service package may be connected with service offered in other sections of this Guidebook and the General Exchange Guidebook as appropriate. The terms, conditions, rates and charges in this Guidebook are applicable for the LightGate service component of the customer's end-to-end service. Single channel service components (non-LightGate service links) are subject to the terms, conditions, rates and charges in their respective guidebook sections. (T)
- H. The customer may activate any number or combination of channels within a LightGate service package within the capacity limits of the Basic System. Channels may be activated coincident with installation or at any time subsequent to basic system installation. Once activated, a channel is subject to a minimum service period in accordance with the contract period. Features (channels) activated under month-to-month rates will have a minimum service period of one month.
- I. When the Company provides customer premises LightGate service channelization down to a DS1 data rate level, any Channel Service Units (CSU) for associated 1.544 Mbps channels are the responsibility of the customer.
- J. DS1 channels have the capacity to provide 24 voice grade equivalent channels. Each DS3 channel has the capacity to provide 28 DS1 channels.
- K. The termination of channelization equipment will be in a single equipment location on a customer's premises. The customer must provide suitable floor space, controlled environment, and a source of non-switched 120 volt, 60 Hz AC power to support this service.
- L. Two additional levels of reliability are offered as options of basic LightGate service. These service levels provide guaranteed Separate Alternate Facilities Transport (SAFT Levels I & II) for improved protection of local channel systems extended from the first outside plant service access point outside the Company's serving wire center to the last outside plant service access point prior to entering a customer's premises.
- SAFT Level I - Service protection facilities will be guaranteed to be provided in a separate sheath, i.e., cable, from the primary facilities.
- SAFT Level II - Service protection facilities will be guaranteed to be provided in a separate sheath, i.e., cable, separate supporting structure and route from the primary facilities. Intermediate equipment, if required, will be configured to prevent a single service interruption point. If existing facilities are not available, special construction charges may apply.
- M. LightGate service interoffice channel systems are intended to extend LightGate service local channels to other central offices. In addition these channels, may be provided on a stand-alone basis when used in a "link" arrangement with other services in this Guidebook and the General Exchange Guidebook. (T)
- N. The level of automatic protection switching capability varies for LightGate service asynchronous and synchronous channels. For asynchronous channels, automatic protection switching capability is a standard service feature that automatically switches customer service to protection facilities upon primary facility failure. Card protection (1+n) is provided for DS1, DS3 and STS-1 channel interfaces as a standard feature. For synchronous channels, automatic protection switching capability is provided via the synchronous customer or central office channel 4-fiber interfaces. These 4-fiber interfaces provide 1+1 optical card protection of the interface. The specifications for these interfaces are contained in Technical Reference #73501. (T)
- O. The technical specifications and standard network interfaces for LightGate service and associated channelization are contained in Technical Reference #73501. This publication is available from Documentation Operations, North W 5A1, 3535 Colonnade Parkway, Birmingham, Alabama 35243. (T)

## B 7 . D I G I T A L N E T W O R K S E R V I C E

### B 7 4 LightGate Service (Cont'd)

#### B 7 4 1 General (Cont'd)

##### P . Credit Allowance

When LightGate service is interrupted due to causes other than negligence of the customer, or to the failure of facilities or equipment furnished by the customer, a credit allowance will be made upon request for the portion of service affected. Where service interruptions of one minute or more per occasion occur, the credit applied shall be at the rate of 1440/1440 of the monthly charges for the LightGate service. All credit allowances shall begin from the time of notice by the customer to the Company, and will end when the service is operative. A customer must report the outage in order to receive service outage credit. The total credit received in any month shall not exceed the monthly rate for the service. Outage credits for DS1 channel interfaces and subtending DS1 services are as set forth in the guidebook sections governing those services.

(T)

- Q . 100 M bps and 1000 M bps BellSouth Metro Ethernet Backbone interfaces are for use when LightGate service is utilized for transport of a customer's BellSouth Metro Ethernet service. 100 M bps BellSouth Metro Ethernet Backbone interfaces are further defined regarding the number of STS-1s, utilized in conjunction with the interface.

#### B 7 4 2 Application of Rates

- A . Monthly rates and charges as specified in B 7 4 5 following apply for each LightGate service. These rates apply regardless of the number of circuit equivalents within each package that are actually activated by the customer at a point in time.

1. Local channel systems furnished between a Serving Wire Center and the customer's premises are distance sensitive. Local channel systems include the transport communication equipment, and first half air-mile of local channel facilities at rates specified in B 7 4 5 A . following. Rates for additional lengths of local channel facilities are as specified in B 7 4 5 B . following.
2. Separate Alternate Facility Transport (SAFT) options for LightGate service local channels are offered at the rates specified in B 7 4 5 C . following. These rates are in addition to local channel system rates.
3. Interoffice channel system mileage rates and charges are as specified in B 7 4 5 D . following.

- B . Suspension of service is not permitted with LightGate service.

- C . Channel interfaces are required for LightGate service based upon the following guidelines:

1. Channel interfaces are required at both the customer's location and the serving wire center for LightGate service local channel systems and at both termination points of a LightGate service interoffice channel, except as specified in 2. following.
2. A LightGate service central office channel interface is not required for a synchronous LightGate service local channel system with optical termination in the serving wire center. A LightGate service local channel system with optical termination in the serving wire center may connect in one of the following ways:
  - to another LightGate service local channel or interoffice channel at the compatible optical level,
  - to a SM ARTRing service channel interface (CI) at the compatible optical level, or
  - to a compatible optical level channel interface from a higher level LightGate service local channel or interoffice channel.
3. LightGate service channel interfaces are only offered in conjunction with a LightGate service System .
4. Company provided DS1 customer channel interfaces are offered only with LightGate 1, LightGate STS-1 and LightGate OC-3 Basic Systems. Also, a maximum of 96 DS1 customer channel interfaces are available on LightGate OC-48 and LightGate OC-192 Basic Systems installed on or after October 20, 2003.
5. OC-12 and OC-48 LightGate service local channel systems require a 28 DS1, STS-1, or OC-3 channel system in addition to DS1 channel interfaces in the central office to derive DS1 channels in the serving wire center. OC-192 LightGate service local channel systems require an OC-3 channel system in addition to DS1 channel interfaces to terminate DS1 channels in the serving wire center.
6. OC-192 LightGate service local channel systems, installed prior to October 20, 2003, require an OC-3, OC-12 or OC-48 channel system in addition to DS3 or STS-1 channel interfaces to terminate DS3 or STS-1 channels in the serving wire center.
7. OC-3 LightGate service local channel systems which require a DS3 termination at one location and DS1 terminations at the other, have two options available:
  - A DS3 channel interface at the customer location and a 28 DS1 channel system in addition to DS1 channel interfaces at the serving wire center, or
  - A DS3 (asymmetrical with DS1) interface at one termination point and DS1 channel interfaces at the other termination point.



## B7.D DIGITAL NETWORK SERVICE

### B7.4 LightGate Service (Cont'd)

#### B7.4.2 Application of Rates (Cont'd)

- I. LightGate service rates under contract will not be increased by Company initiative until the contract period expires. Those monthly rates for LightGate service 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 contract rates or revert to current rates on a month-to-month basis.
- J. 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 fifty percent (50%) of the monthly rates for the LightGate service rates which are provided under contract, and are subject to the exemptions of 1. and 2. following.
  1. No Termination Liability Charge will be applicable for the LightGate service System when the customer renegotiates a new contract for the same system at the same location(s) for a period of time greater than the time remaining on the existing contract.
  2. Termination Liability charges do not apply to channel interfaces under the Channel Services Payment Plan.
- K. Transfer of service responsibility between customers is permitted subject to payment of a Transfer Charge as determined on an individual case basis.

#### B7.4.3 Digital Architecture and Definitions

##### A. Digital Architecture

1. LightGate services differ in provisioning method and numbering format from single channel services. These services will be available from the Company on a link (partial channel) basis rather than as an end-to-end service. This architecture is intended to promote more efficient connectivity of analog and digital networks in the future.

Many LightGate service channels will be available on a digital basis at the network interface on a customer's premises. Traditional analog services, like tie lines, off-premises stations, and PBX trunks can be provided on a digital basis to a premises by the Company when a customer desires them encoded in a DS1 bit stream. Under those conditions, they will be provided as DS0 channels by the Company. Both the Company and the customer have joint responsibilities to ensure the proper transmission of the provided services. Normal analog channel network interface specifications will be superseded by the electrical specifications of the 1.544 Mbps (DS1) channel which is actually terminated. Each DS0 channel provided will have identity only as a "time slot" within a DS1 channel. Compatible digital to analog conversion equipment must be provided by the customer to derive the desired analog services. Any Channel Service Units (CSU) necessary for digital services are the responsibility of the customer.

##### B. Definitions

###### CHANNEL SERVICE UNIT (CSU)

This denotes network channel terminating equipment provided by the customer to terminate digital channel facilities on a customer's or user's premises.

###### DS0

This denotes a channel service expressed in terms of its digitally encoded data bit rate in accordance with the North American hierarchy of digital signal levels. It is generally referred to as having a 64 kbps transmission data rate signal. The required format and interface specifications are referenced in Technical Reference #73501. (T)

###### DS1

This denotes a channel service expressed in terms of its digitally encoded data bit rate in accordance with the North American hierarchy of digital signal levels. It has a 1.544 Mbps transmission data rate, and provides for the two-way simultaneous transmission of isochronous timed, Bipolar Return-to-Zero (BPRZ) bit stream format, except where intentional bipolar violations are introduced by Bipolar with 8 Zero Substitution (B8ZS) format. Unframed signal formats are not permitted or compatible with Company equipment. The required format and interface specifications are contained in Technical Reference #73501. (T)

###### DS3

This denotes a channel service expressed in terms of its digitally encoded data bit rate in accordance with the North American hierarchy of digital signal levels. It has a 44.736 Mbps transmission data rate, and provides for two-way simultaneous transmission of randomized Non-Return-to-Zero (NRZ) signals with a B3ZS format. The required format and interface specifications are contained in Technical Reference #73501. (T)

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## B7.D DIGITAL NETWORK SERVICE

### B7.4 LightGate Service (Cont'd)

#### B7.4.3 Digital Architecture and Definitions (Cont'd)

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

###### LIGHTGATE 1

This service provides extended service capability of DS3 data rates to the customer, or multiplexed DS1 and DS0 channels based upon configurations desired. Appropriate electrical signals will be provided in accordance with the specifications of Technical Reference #73501. The total capacity to be provided is a single 44.736 M bps transmission rate. This offering is intended to be a flexible, link connectable transport service for large customers with the capability of connecting with individual exchange and private line services, MegaLink channel service, SMARTRing service, and/or other LightGate services. Automatic protection switching capability is inherent in this service. (T)

###### LIGHTGATE 2 (Obsoleted - See Section B107.)

###### SYNCHRONOUS LIGHTGATE SERVICES

LightGate service is available in the following synchronous systems: STS-1, OC-3, OC-12, OC-48 and OC-192. These offerings are intended to be a very flexible, link connectable transport service for the very large customer. They have the capability of connecting with individual exchange and private line services, MegaLink channel service, SMARTRing service and/or other LightGate services. Appropriate electrical and optical signals will be provided in accordance with the specifications of Technical Reference #73501. (T)

###### SYNCHRONOUS OPTICAL NETWORK (SONET)

SONET defines a progressive hierarchy of optical signal and line rates. The basic building block is the STS-1 (Synchronous Transport Signal at level 1), operating at 51.840 M bps. All higher rate signals (STS-N) are multiples of the basic STS-1 signal rate. The optical counterpart of a STS-N is the OC-N, operating at the same rate as the corresponding STS-N. The required format and interface specifications are contained in Technical Reference #73501. (T)

#### B7.4.4 Rates and Charges (Obsoleted. See Section B107.)

## B 7 . D I G I T A L N E T W O R K S E R V I C E

### B 7 . 7 SelfHealing Multi-Nodal Alternate Route Topology Ring (SMARTRing) Service (Contd)

#### B 7 . 7 . 1 General (Contd)

- C . SMARTRing service is connectible at Company central offices to any compatible high capacity service as provided in Section B 7 . and to Broadband Exchange Line Service at compatible data rates (e.g., 1.586 M bps) as provided in A 40.5 of the General Exchange Guidebook. Rates and charges for such other services are as set forth in the applicable sections of this Guidebook for such other services. (T)
- D . The customer must provide suitable floor space, controlled environment, and source of non-switched suitable power to support this service.
- E . Where the customer provides two separate entrance facility cable routes for SMARTRing service, the primary and alternate entrance facilities will be separate and will enter the customer node over such different routes. When the customer requests a connection at a Customer Node via two local Channels and Company facilities do not exist for the second Local Channel between the Serving Wire Center and the Customer Node, the Company may provide an equivalent second Local Channel via an existing alternate route. When facilities become available for the second Local Channel, the Company may rearrange the alternate route at any time. (T)
- F . The compatibility requirements, technical specifications, and generic requirements for SMARTRing service terminated at the customer's designated locations are referenced in Technical Reference ANSIT1.404-1989, and ANSIT1.403-1989.
- G . DS3 interface combinations and technical specifications are referenced in Bellcore TR -INS-000342.
- H . DS1 interface combinations and technical specifications are referenced in Bellcore TR -NPL-000054.
- I . SMARTRing service DS3 high capacity service channels have a performance objective of 99.5 percent error-free seconds over a continuous twenty-four hour period. Self-healing multi-nodal DS1 high capacity service channels have a performance objective of 99.95 percent error-free seconds over a continuous twenty-four hour period.
- J . SMARTRing service OC-3, OC-3+, OC-12, OC-48, OC-48+, OC-192 or OC-192+ capacity installed on or after June 3, 1994, is also available with FlexServ service Customer Network Management (CNM) under the rates, terms and conditions set forth following. FlexServ service CNM is available with two options: (1) Surveillance or (2) Reconfiguration. Customers wishing to incorporate either of these capabilities into their SMARTRing service should advise the Company at the time the initial service is requested. When the customer requests to add either FlexServ service option subsequent to the initial service installation, a SMARTRing service Rearrangement charge applies as set forth in 7.5.14 following. Customers who desire to only monitor their rings may order only Surveillance. However, customers who order Reconfiguration must already be subscribing to Surveillance or be ordering Surveillance coincident with Reconfiguration. Reconfiguration may not be ordered without Surveillance. (T)
- Reconfiguration is provided on a per STS-1 basis. Within each STS-1 group, all activated interfaces must be optioned the same (either all Surveillance only or all Surveillance and Reconfiguration). Customers who wish to utilize this service to reconfigure DS1 interfaces must purchase the FlexServ service Reconfiguration option for all DS1 interfaces associated with the STS-1 group with which the customer desires to have equipped with FlexServ service capability.
- When the customer orders Reconfiguration, the customer must order a sufficient quantity of SMARTRing service channel interfaces at every Customer Node and Central Office Node where reconfiguration capability is desired.
- Reconfiguration is not available with 100 M bps and 1000 M bps Metro Ethernet Backbone interfaces.
- K . SMARTRing service ordered and installed after May 4, 2006, is available with an optional feature and function capability in which a customer may utilize all or part of his SMARTRing service to establish an adjunct virtual packet ring. A virtual packet ring is separate and apart from the SONET capabilities associated with high capacity channel transport via DS1 through OC-48 interfaces. A virtual packet ring provides the capability for a customer to transport Ethernet LAN traffic utilizing Basic Shared Ethernet LAN Access Links that have best effort service capabilities in which the throughput associated with a virtual packet ring are controlled/affected by the customer's traffic and network configuration. Since this is a Best-Effort service, the Company does not guarantee any performance levels including packet loss, latency or jitter of the customer's network if the customer chooses to oversubscribe his network. (T)
- SMARTRing service Basic Shared Ethernet LAN Access Links are available based on equipment capability and a customer's requested service configuration. Upon a customer request for Basic Shared Ethernet LAN Access Links, equipment capability associated with the requested configuration shall be determined. Upon successful determination of the functionality of the customer's requested arrangement, the requested service shall be made available.
- Basic Shared Ethernet LAN Access Links are further defined per TR 73582. Basic Shared Ethernet LAN Access Links are available only at Customer Nodes.

## B 7. D I G I T A L N E T W O R K S E R V I C E

### B 7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing) Service (Contd)

#### B 7.7.2 Application of Rates (Contd)

G. In addition, customers with DS3 interfaces at the Customer Node electing to connect with DS1 services at a Central Office Node, must obtain a 28 DS1 Channel System, and the appropriate number of DS1 Channel Interfaces. The applicable rate elements for this arrangement are a DS3 Interface at the Customer Node and a 28 DS1 Channel System with DS1 Interfaces at the Central Office Node. The SMARTRing service 28 DS1 Channel System does not require a DS3 interface at the Central Office Node. A maximum of 28 DS1 Channel Interfaces can be activated for each 28 DS1 System utilized. Nonrecurring charges apply for each 28 DS1 Channel System. Nonrecurring charges also apply for each DS1 Channel Interface in a 28 DS1 Channel System. The recurring rate applies for each 28 DS1 Channel System and each DS1 Channel Interface in a 28 DS1 Channel System.

H. In order to accommodate more flexible customer situations, SMARTRing service is available under several payment plans<sup>1</sup>: 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<sup>1</sup> are provided under conditions specified in the Channel Services Payment Plan, (CSPP), B 2.4.9 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 coterminal 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 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, 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.  
Termination liability charges will not apply to any OC-3+ SMARTRing service disconnected on or after May 30, 2015.
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.
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 coterminal with the CSPP arrangement for the existing SMARTRing service.

Note 1: All term plans for SMARTRing Service which are established, renewed or extended after December 13, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services provided on or after February 1, 2019 will be provided on a Month-to-Month (MTM) basis at the applicable, then-current MTM rates.

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## B7.DIGITAL NETWORK SERVICE

### B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRING) Service (Contd)

#### B7.7.2 Application of Rates (Contd)

- N. For conversions of LightGate service to a higher capacity OC-12, OC-48, OC-48+, OC-192 or OC-192+ SMARTRING service and for conversions of SMARTRING service to a higher capacity SMARTRING service arrangement, customers will be allowed to defer the start of SMARTRING service ring level billing when the new service arrangement is provided under the Channel Services Payment Plan (CSPP), as described in B2.4.9, preceding. The period of deferred billing shall be based on the Company's estimation of the time required for conversion, up to a maximum of 60 days. This applies to orders for new service associated with conversions, as described above, or orders associated with a project for conversion that is pending completion, as of September 22, 2006. For orders associated with a project for conversion that is pending completion, the deferred start of ring level billing shall be accomplished via credits to the customer's bill. For upgrades, as described above, that are completed in less than 60 days, the deferred start of ring level billing shall be associated with the completion of the upgrade. Customer's SMARTRING service CSPP arrangements shall begin after the deferral period and continue to completion, as described in B2.4.9, preceding, for the customers selected CSPP commitment period.

(T)

Ring level billing is defined as billing for the following rate elements: Local Channel, Interoffice Channel, Internodal Channel, Alternate Central Office Channel, Customer Node and Central Office Node. Billing for Customer Channel Interfaces and Central Office Channel Interfaces recurring will be effective upon activation of the interface and is not available for deferred billing.

In case of a service outage associated with SMARTRING service ring level rate elements that have deferred billing, as described above, for new service associated with conversions or service associated with a project for conversion that is pending completion, a service outage credit will not apply.

- O. For situations where a customer requests Local Channel and Interoffice Channel service components to a central office and alternate facilities are available that provide an equal or higher level of protection than the requested service arrangement, such alternate facilities may be utilized, with concurrence of the customer, and the rate application shall be that of the Local Channel and Interoffice Channel service components as requested by the customer.
- P. Shared Node Interconnection Central Office Node charges apply for each location on a Shared Node Interconnection Secondary Ring involved in a Shared Node Interconnection arrangement. SMARTRING service Local Channel, Interoffice Channel, etc., ring level service components apply to the Shared Node Interconnection Central Office Node in the same manner as associated with a Central Office Node.

The credit for service outages associated with Shared Node Interconnection Central Office Nodes shall be the same as is applicable to ring level nodes.

Should the customer require more capacity at a shared node central office location than is available on a Primary Ring node, then additional billable service components will be required.

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## B7.D DIGITAL NETWORK SERVICE

### B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMART Ring) Service (Contd)

#### B7.7.3 Architecture

##### A. SMART Ring Service

The SMART Ring service configuration utilizes a multi-nodal ring architecture which is specified jointly by the Company and the customer. The minimum configuration provides dedicated DS3 (44.736 Mbps) and/or DS1 digital services and must include at least three nodes. One node must be a Central Office Node in a Company Central Office. The remaining two nodes may be either Central Office Nodes in a Company Central Office (s) or Customer Nodes at customer designated location (s), or one of each. Additional nodes above the three node minimum may be any combination thereof. Additional nodes may be any combination thereof. The maximum number of nodes will be determined based on equipment capability. The nodes are connected by SMART Ring service Local Channels, Alternate Central Office Channels, Interoffice Channels and Internodal Channels as applicable. SMART Ring service may be connected to other high capacity services only at Central Office Nodes.

Applicable rate elements for this service are:

- Customer Nodes provide ring switching capabilities at customer designated locations other than Company Premises that are part of SMART Ring service. This rate element offers OC-3, OC-3+, OC-12, OC-48, OC-48+, OC-192 or OC-192+ network capacities. A summary of the channel interfaces available with each node are specified in B7.7.1 preceding.

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## B 7. D I G I T A L N E T W O R K S E R V I C E

### B 7.8 Reserved For Future Use

### B 7.9 MegaLink Plus Service

#### B 7.9.1 General

- A. MegaLink Plus service is furnished for Private Line IntraLATA Communications by the Company.
- B. MegaLink Plus service is a service for transmission of digital signals only and uses only digital transmission facilities.
- C. MegaLink Plus service is a fiber-based high capacity network service providing a 1.544 Mbps transport link with high performance and reliability parameters. This service utilizes structurally diverse loop facilities designed to limit single points of failure between a customer's location and its normal serving wire center.
- D. MegaLink Plus service is available to customer locations where existing loop facilities are fiber-based and utilize structurally diverse routes. For locations where loop facilities are not available to satisfy customer requests for MegaLink Plus service, special construction charges will apply as set forth in Section B 5. preceding.
- E. The technical specifications and standard network interfaces for MegaLink Plus service are contained in Technical Reference Publication #73525. This publication is available from Regional Documentation Services, 600 North 19th Street, 20th Floor, Birmingham, Alabama 35203. (r)

#### B 7.9.2 Terms and Conditions (r)

##### A. Description of Service

1. MegaLink Plus service utilizes a self-healing diverse fiber-based local channel (loop) transport link between a customer designated premises and the normal serving wire center.
2. MegaLink Plus service is furnished on a link (partial) basis for connection at the normal serving wire center to another MegaLink Plus service, an ESSX service<sup>1</sup>, MegaLink channel service, FlexServ service, LightGate service, or SMARTRing service. Connectivity between MegaLink Plus service and these other services may be provided via a MegaLink service Interoffice Channel between central offices.
3. All appropriate rates, charges, terms and conditions specified in other guidebook sections for connected services are in addition to those for MegaLink Plus service specified in this guidebook.
4. Performance objectives for MegaLink Plus service between the customer's location and the serving wire center are as follows:
  - a. Meet or exceed 99.98 percent Circuit Availability.
  - b. Meet or exceed 99.95 percent Error Free Seconds.
  - c. Meet or exceed .010 Severely Errored Seconds.

The objectives apply except when a customer's equipment and/or cabling is disconnected and/or inoperative, or when a MegaLink service Interoffice Channel is used in conjunction with a MegaLink Plus service Local Channel. Consult TR 73525 for additional information concerning service performance objectives.

5. Performance guarantees for MegaLink Plus service are as follows:

##### a. Service Installation

The Company will meet negotiated due date or credit an amount equal to the month-to-month payment plan nonrecurring charge according to the Service Installation Guarantee provisions described in B 2.4.17 preceding.

##### b. Service Continuity

In the event of primary failure, service is guaranteed to switch to an alternate facility path in sixty seconds or less. Failure to meet this guarantee will result in a credit as described in B 7.9.2.E.3. following where the trouble is in the local loop facility on public right-of-way.

Note 1: Connection from MegaLink Plus service to ESSX service may not be available from all serving wire centers.

## B7.D DIGITAL NETWORK SERVICE

### B7.9 MegaLink Plus Service (Cont'd)

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#### B7.9.2 Terms and Conditions (Cont'd)

##### B. Definitions

###### MEGALINK PLUS SERVICE LOCAL CHANNEL

The MegaLink Plus service Local Channel provides for the connection between a customer's designated premises to their serving wire center.

##### C. Application of Rates

1. Monthly rates and charges as specified in B7.9.3.A. following apply for each MegaLink Plus service local channel.
2. Recurring and nonrecurring rates and charges apply for each MegaLink Plus service. Nonrecurring charges will not apply for the MegaLink Plus service Local Channel rate element when MegaLink Plus service is furnished under a payment plan other than month-to-month. Available payment plans are described in 3. following.
3. MegaLink Plus service is available under several payment plans: Month-to-month (with a one month minimum), Plan A (24-48 Months)<sup>1</sup>, Plan B (49-72 Months)<sup>1</sup>, and Plan C (73-96 Months)<sup>1</sup> under conditions specified in the Channel Services Payment Plan (CSPP) in B2.4 preceding.
4. Month-to-month payment plan rates are subject to Company initiated changes. MegaLink Plus service rates provided under a CSPP arrangement are exempt from Company initiated rate increases for the duration of the payment plan length selected; however, decreases on recurring rates will flow through to the customer.
5. A termination 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 fifty percent (50%) of the monthly rate provided under the contract. However, termination charges will not apply for customer requests for moves of service under CSPP subject to the provisions set forth in B2.4.9. preceding, or for customer requested changes of service under CSPP to Fast Packet Transport Services under the Fast Packet Transport Services Payment Plan subject to the provisions set forth in B2.4.9.A.4.b.
6. A service performance credit as specified in E.3. following will apply.

##### D. Connections

1. Customer-Provided Terminal Equipment, Customer-Provided Derivation Equipment and Customer-Provided Communications Systems may be connected to MegaLink Plus service when such connection is made in accordance with the provisions specified in 2. and 3. following.
2. Responsibility of the Company
  - a. The responsibility of the Company shall be limited to the furnishing and maintenance of MegaLink Plus service to a network interface on the customer's premises
  - b. The Company shall not be responsible for installation, operation, or maintenance of any terminal equipment or communications system provided by a customer. MegaLink Plus service is not represented as adapted for the use of such equipment or system. Where such equipment or system is connected to Company facilities, the responsibility of the Company shall be limited to furnishing of facilities suitable for MegaLink Plus service and to the maintenance and operation in a manner proper for such digital service. The Company shall not be responsible for:
    - the through transmission of signals generated by such equipment or system, or for the quality of, or defects in, such transmission, or
    - the reception of signals by such equipment or system, or
    - damage to terminal equipment or communication system provided by a customer or authorized user due to testing.
  - c. The Company shall not be responsible to the customer if changes in any of the facilities, operations, or procedures of the Company utilized in the provision of MegaLink Plus service render any facilities or equipment provided by the customer obsolete, or require modification or alteration of such equipment or system or otherwise affects its use or performance.
  - d. The Company undertakes to maintain and repair facilities, which it furnishes. The customer may not rearrange, disconnect, remove, or attempt to repair any equipment installed by the Company without prior written consent of the Company.

Note 1: As of October 1, 2013, Contract Terms greater than 36 months are no longer available for new or renewing subscribers.



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## B 7 . D I G I T A L N E T W O R K S E R V I C E

### B 7 . 9 M e g a L i n k P l u s S e r v i c e

#### B 7 . 9 . 2 T e r m s a n d C o n d i t i o n s ( C o n t d )

##### D . C o n n e c t i o n s ( C o n t d )

##### 3 . R e s p o n s i b i l i t y o f t h e C u s t o m e r

- a. The customer is responsible for installing and testing premises equipment or facilities to insure that when they are connected to MegaLink Plus service such equipment or facilities are operating properly.
- b. The operating characteristics of the customer premises equipment shall be such as to not interfere with any of the services offered by the Company. Such use is subject to the further provisions that the equipment provided by the customer does not: endanger the safety of Company employees or the public; damage, require change in or alteration of the equipment or other facilities of the Company; interfere with the proper functioning of such equipment or other facilities of the Company; impair the operation of the Company's facilities or otherwise injure the public in its use of the Company's services. Upon notice that the equipment provided by a customer is causing or is likely to cause such hazard or interference, the customer shall take such steps as shall be necessary to remove or prevent such hazard or interference.
- c. The customer's responsibility shall include cooperative testing with the Company as may be necessary. Where regeneration and/or equalization adjustments or changes may be required to compensate for rearrangements and/or changes in outside plant facilities, the customer will be responsible for all expenses incurred in changes to his premises equipment.
- d. When MegaLink Plus service is connected at the serving wire center to another service which is provisioned with ANSI T1.403-1995 Extended Superframe Format (ESF) and/or Clear Channel Capability, the customer will be required to add the same format and/or line code standard to the MegaLink Plus service to ensure compatibility. Rates, terms and conditions associated with Clear Channel Capability are located in B 7 . 1 .

##### E . P a y m e n t A n n o u n c e m e n t s a n d C r e d i t A l l o w a n c e s

1. The minimum service period for MegaLink Plus service is one month.
2. Suspension of service is not allowed.
3. Failure by the Company to meet the performance guarantee described in B 7 . 9 . 2 A . 5 b . will result in a credit of an amount equal to the monthly rate billed for the service. Credit for interruptions of sixty (60) seconds or more will be applied through normal administrative processes and the dollar amount will be reflected on the customer's bill. A customer must report the outage in order to receive credit. The credit will apply no more than once per calendar month, and shall not exceed the monthly rate for the service.
4. MegaLink Plus service is eligible for credit of nonrecurring charges under "Service Installation Guarantee" found in B 2 . 4 . 1 7 preceding.

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## B 7 . D I G I T A L N E T W O R K S E R V I C E

### B 7 . 1 0 M e g a L i n k L i g h t S e r v i c e

#### B 7 . 1 0 . 1 G e n e r a l

- A . M e g a L i n k L i g h t s e r v i c e i s f u r n i s h e d f o r P r i v a t e L i n e I n t r a L A T A C o m m u n i c a t i o n s b y t h e C o m p a n y .
- B . M e g a L i n k L i g h t s e r v i c e i s a s e r v i c e f o r t r a n s m i s s i o n o f d i g i t a l s i g n a l s o n l y a n d u s e s o n l y d i g i t a l t r a n s m i s s i o n f a c i l i t i e s .
- C . M e g a L i n k L i g h t s e r v i c e i s a f i b e r - b a s e d h i g h c a p a c i t y n e t w o r k s e r v i c e p r o v i d i n g a 1 . 5 4 4 M b p s ( D S 1 ) t r a n s p o r t l i n k .
- D . M e g a L i n k L i g h t s e r v i c e p r o v i d e s f o r t h e s i m u l t a n e o u s t w o - w a y t r a n s m i s s i o n o f s e r i a l , B i p o l a r R e t u r n - t o - Z e r o ( B P R Z ) i s o c h r o n o u s d i g i t a l s i g n a l s , e x c e p t w h e r e i n t e n t i o n a l b i p o l a r v i o l a t i o n s a r e i n t r o d u c e d b y B i p o l a r w i t h 8 Z e r o S u b s t i t u t i o n ( B 8 Z S ) f o r m a t , a t D S 1 s p e e d s o f 1 . 5 4 4 M b p s , a n d i s a v a i l a b l e t o c u s t o m e r l o c a t i o n s w h e r e e x i s t i n g l o o p f a c i l i t i e s a r e f i b e r - b a s e d . T h e r a t e s s p e c i f i e d f o r M e g a L i n k L i g h t s e r v i c e i n B 7 . 1 0 . 3 f o l l o w i n g , c o n t e m p l a t e t h e p r o v i s i o n o f a d i g i t a l q u a l i t y f a c i l i t y v i a e x i s t i n g e x c h a n g e f a c i l i t i e s c o m p a t i b l e w i t h t h i s s e r v i c e . W h e n M e g a L i n k L i g h t s e r v i c e i s r e q u e s t e d a t l o c a t i o n s w h e r e l o o p f a c i l i t i e s a r e n o t a v a i l a b l e t o s a t i s f y c u s t o m e r r e q u e s t s f o r M e g a L i n k L i g h t s e r v i c e , s p e c i a l c o n s t r u c t i o n c h a r g e s w i l l a p p l y a s s e t f o r t h i n S e c t i o n B 5 . p r e c e d i n g .
- E . T h e p e r f o r m a n c e o b j e c t i v e s , t e c h n i c a l s p e c i f i c a t i o n s a n d s t a n d a r d n e t w o r k i n t e r f a c e s f o r M e g a L i n k L i g h t s e r v i c e a r e c o n t a i n e d i n T e c h n i c a l R e f e r e n c e P u b l i c a t i o n # 7 3 5 2 5 . T h e p e r f o r m a n c e o b j e c t i v e s a p p l y e x c e p t w h e n a c u s t o m e r ' s e q u i p m e n t a n d / o r c a b l i n g i s d i s c o n n e c t e d a n d / o r i n o p e r a t i v e , w h e n c u s t o m e r p r o v i d e d p o w e r i s d i s c o n n e c t e d a n d / o r i n o p e r a t i v e , o r w h e n a M e g a L i n k L i g h t s e r v i c e i s e x t e n d e d b e y o n d i t s n o r m a l S e r v i n g W i r e C e n t e r . T R 7 3 5 2 5 i s a v a i l a b l e f r o m R e g i o n a l D o c u m e n t a t i o n S e r v i c e s , 6 0 0 N o r t h 1 9 t h S t r e e t , 2 0 t h F l o o r , B i m i n g h a m , A l a b a m a 3 5 2 0 3 . (T)
- F . U n l e s s s p e c i f i e d f o l l o w i n g , t h e t e r m s a n d c o n d i t i o n s f o r M e g a L i n k L i g h t s e r v i c e s p e c i f i e d h e r e i n a p p l y i n a d d i t i o n t o t h e t e r m s a n d c o n d i t i o n s s e t f o r t h i n S e c t i o n B 2 . p r e c e d i n g . (T)

#### B 7 . 1 0 . 2 T e r m s a n d c o n d i t i o n s (T)

##### A . D e s c r i p t i o n o f S e r v i c e

- 1 . M e g a L i n k L i g h t s e r v i c e u t i l i z e s a f i b e r - b a s e d l o c a l c h a n n e l ( l o o p ) t r a n s p o r t l i n k b e t w e e n a c u s t o m e r d e s i g n a t e d p r e m i s e s a n d i t s n o r m a l s e r v i n g w i r e c e n t e r .
- 2 . M e g a L i n k L i g h t s e r v i c e i s f u r n i s h e d o n a l i n k ( p a r t i a l c h a n n e l ) b a s i s f o r c o n n e c t i o n a t t h e n o r m a l s e r v i n g w i r e c e n t e r t o C e n t r e x T y p e S e r v i c e s <sup>1</sup> , M e g a L i n k c h a n n e l s e r v i c e , F l e x S e r v s e r v i c e o r S M A R T R i n g s e r v i c e . C o n n e c t i v i t y b e t w e e n M e g a L i n k L i g h t s e r v i c e a n d t h e s e o t h e r s e r v i c e s m a y b e p r o v i d e d v i a a M e g a L i n k s e r v i c e I n t e r o f f i c e C h a n n e l b e t w e e n c e n t r a l o f f i c e s . E x c e p t f o r M e g a L i n k s e r v i c e a n d M e g a L i n k P l u s s e r v i c e , t h o s e s e r v i c e s c o n n e c t a b l e t o a M e g a L i n k s e r v i c e I n t e r o f f i c e C h a n n e l o r a M e g a L i n k L i g h t s e r v i c e L o c a l C h a n n e l m a y b e u t i l i z e d f o r c o m p l e t i o n o f a c u s t o m e r ' s p o i n t - t o - p o i n t c h a n n e l s e r v i c e .
- 3 . A l l a p p r o p r i a t e r a t e s , c h a r g e s , t e r m s a n d c o n d i t i o n s s p e c i f i e d i n o t h e r g u i d e b o o k s e c t i o n s f o r c o n n e c t e d s e r v i c e s a r e i n a d d i t i o n t o t h o s e f o r M e g a L i n k L i g h t s e r v i c e s p e c i f i e d i n t h i s g u i d e b o o k . (T)
- 4 . P e r f o r m a n c e o b j e c t i v e s f o r M e g a L i n k L i g h t s e r v i c e b e t w e e n t h e c u s t o m e r ' s l o c a t i o n a n d t h e s e r v i n g w i r e c e n t e r a r e a s s p e c i f i e d i n T e c h n i c a l R e f e r e n c e P u b l i c a t i o n # 7 3 5 2 5 . (T)
- 5 . P e r f o r m a n c e g u a r a n t e e s f o r M e g a L i n k L i g h t s e r v i c e a r e a s f o l l o w s :
  - a . S e r v i c e I n s t a l l a t i o n
 

The Com p a n y w i l l m e e t n e g o t i a t e d d u e d a t e o r c r e d i t a n a m o u n t e q u a l t o t h e m o n t h - t o - m o n t h p a y m e n t p l a n n o n r e c u r r i n g c h a r g e a c c o r d i n g t o t h e S e r v i c e I n s t a l l a t i o n G u a r a n t e e p r o v i s i o n s d e s c r i b e d i n B 2 . 4 . 1 7 p r e c e d i n g .
  - b . S e r v i c e C o n t i n u i t y
 

S e r v i c e o u t a g e s i n t h e l o c a l l o o p f a c i l i t y w i l l r e s u l t i n a c r e d i t a s d e s c r i b e d i n E 3 . f o l l o w i n g w h e r e t h e t r o u b l e i s i n t h e l o c a l l o o p f a c i l i t y o n p u b l i c r i g h t - o f - w a y .

Note 1: C o n n e c t i o n f r o m M e g a L i n k L i g h t s e r v i c e t o C e n t r e x T y p e S e r v i c e s m a y n o t b e a v a i l a b l e f r o m a l l s e r v i n g w i r e c e n t e r s .

## B 7 . D I G I T A L N E T W O R K S E R V I C E

### B 7 . 1 0 M e g a L i n k L i g h t S e r v i c e ( C o n t d )

#### B 7 . 1 0 2 T e r m s a n d C o n d i t i o n s ( C o n t d )

(T)

##### B . D e f i n i t i o n s

###### M e g a L i n k L i g h t S e r v i c e L o c a l C h a n n e l

The M e g a L i n k L i g h t s e r v i c e L o c a l C h a n n e l d e n o t e s a p a t h f o r M e g a L i n k L i g h t s e r v i c e f u r n i s h e d b e t w e e n t h e c u s t o m e r ' s p r e m i s e s a n d i t s n o r m a l s e r v i n g w i r e c e n t e r .

###### D S 1

This d e n o t e s a c h a n n e l s e r v i c e i n t e r m s o f i t s d i g i t a l l y e n c o d e d d a t a b i t r a t e i n a c c o r d a n c e w i t h t h e N o r t h A m e r i c a n h i e r a r c h y o f d i g i t a l s i g n a l l e v e l s . I t h a s a 1 5 4 4 M b p s d a t a t r a n s m i s s i o n r a t e , a n d p r o v i d e s f o r t h e t w o - w a y s i m u l t a n e o u s t r a n s m i s s i o n o f i s o c h r o n o u s t i m e d , B i p o l a r R e t u r n - t o - Z e r o ( B P R Z ) b i t s t r e a m f o r m a t e x c e p t w h e r e i n t e n t i o n a l b i p o l a r v i o l a t i o n s a r e i n t r o d u c e d b y B i p o l a r w i t h 8 Z e r o S u b s t i t u t i o n ( B 8 Z S ) f o r m a t . U n f a m e d s i g n a l f o r m a t s a r e n o t p e r m i t t e d o r c o m p a t i b l e w i t h C o m p a n y e q u i p m e n t . T h e r e q u i r e d i n t e r f a c e s p e c i f i c a t i o n s a r e c o n t a i n e d i n T e c h n i c a l R e f e r e n c e P u b l i c a t i o n # 7 3 5 2 5 .

(T)

##### C . A p p l i c a t i o n o f R a t e s

1. M e g a L i n k L i g h t s e r v i c e L o c a l C h a n n e l s w i l l b e c h a r g e d f o r a t r a t e s b a s e d o n t h e f i r s t h a l f m i l e a n d e a c h a d d i t i o n a l h a l f m i l e f o r t h e a i r l i n e d i s t a n c e m e a s u r e d b e t w e e n t h e c u s t o m e r ' s p r e m i s e s a n d i t s n o r m a l S e r v i n g W i r e C e n t e r .
2. R e c u r r i n g a n d n o n r e c u r r i n g r a t e s a n d c h a r g e s a p p l y f o r e a c h M e g a L i n k L i g h t s e r v i c e . A v a i l a b l e p a y m e n t p l a n s a r e d e s c r i b e d i n 3 . f o l l o w i n g .
3. M e g a L i n k L i g h t s e r v i c e i s a v a i l a b l e u n d e r s e v e r a l p a y m e n t p l a n s : M o n t h - t o - M o n t h , P l a n A ( 2 4 - 4 8 M o n t h s ) <sup>1</sup> , P l a n B ( 4 9 - 7 2 M o n t h s ) <sup>1</sup> , a n d P l a n C ( 7 3 - 9 6 M o n t h s ) <sup>1</sup> u n d e r c o n d i t i o n s s p e c i f i e d i n t h e C h a n n e l S e r v i c e s P a y m e n t P l a n ( C S P P ) i n B 2 . 4 p r e c e d i n g .
4. M o n t h - t o - M o n t h p a y m e n t p l a n r a t e s a r e s u b j e c t t o C o m p a n y i n i t i a t e d c h a n g e s . M e g a L i n k L i g h t s e r v i c e r a t e s p r o v i d e d u n d e r a C S P P a n a g e m e n t , a s s p e c i f i e d i n B 2 . 4 . 9 B p r e c e d i n g , a r e e x e m p t f r o m C o m p a n y i n i t i a t e d r a t e i n c r e a s e s f o r t h e d u r a t i o n o f t h e p a y m e n t p l a n l e n g t h s e l e c t e d ; h o w e v e r , d e c r e a s e s o n r e c u r r i n g r a t e s w i l l f l o w t h r o u g h t o t h e c u s t o m e r . A t t h e e x p i r a t i o n d a t e o f t h e c u s t o m e r ' s p a y m e n t p e r i o d o p t i o n , t h e c u s t o m e r m a y s e l e c t a n e w p a y m e n t p e r i o d o p t i o n a t c u r r e n t r a t e s o r r e v e r t t o c u r r e n t M o n t h - t o - M o n t h r a t e s . R e n e w a l o p t i o n s f o r M e g a L i n k L i g h t s e r v i c e w i l l b e a s s p e c i f i e d i n B 2 . 4 . 9 A . 7 p r e c e d i n g .
5. A T e r m i n a t i o n C h a r g e ( T C ) i s a p p l i c a b l e a t t h e d a t e o f t e r m i n a t i o n . T h e a p p l i c a b l e c h a r g e i s d e p e n d e n t o n t h e p a y m e n t p e r i o d s u b s c r i b e d t o a n d w i l l b e e q u a l t o t h e n u m b e r o f m o n t h s r e m a i n i n g i n t h e p a y m e n t p e r i o d t i m e s f i f t y p e r c e n t ( 5 0 % ) o f t h e m o n t h l y r a t e a p p l i c a b l e . H o w e v e r , a T C w i l l n o t a p p l y f o r : 1 ) m o v e s o f s e r v i c e s u b j e c t t o t h e p r o v i s i o n s s e t f o r t h i n B 7 . 1 0 3 B . 5 , 2 ) c u s t o m e r r e q u e s t e d c h a n g e s a s s p e c i f i e d i n B 2 . 4 . 9 A , o r 3 ) c u s t o m e r r e q u e s t e d c h a n g e t o s e r v i c e s n o t c o v e r e d b y t h e C S P P t h a t a r e o f f e r e d b y t h e C o m p a n y u n d e r a c o n t a c t p a y m e n t p l a n .
6. W h e n a c u s t o m e r r e q u e s t s B 8 Z S f o r m a t b e p r o v i d e d o n a M e g a L i n k L i g h t s e r v i c e L o c a l C h a n n e l , t e r m s , c o n d i t i o n s , r a t e s a n d c h a r g e s a p p r o p r i a t e f o r C l e a r C h a n n e l C a p a b i l i t y ( C C C ) a s s p e c i f i e d f o r M e g a L i n k s e r v i c e , l o c a t e d i n B 7 . 1 p r e c e d i n g , w i l l a p p l y .

(T)

##### D . C o n n e c t i o n s

1. C u s t o m e r - P r o v i d e d T e r m i n a l E q u i p m e n t , C u s t o m e r - P r o v i d e d D e r i v a t i o n E q u i p m e n t a n d C u s t o m e r - P r o v i d e d C o m m u n i c a t i o n s S y s t e m s m a y b e c o n n e c t e d t o M e g a L i n k L i g h t s e r v i c e w h e n s u c h c o n n e c t i o n i s m a d e i n a c c o r d a n c e w i t h t h e p r o v i s i o n s s p e c i f i e d i n 2 . a n d 3 . f o l l o w i n g .
2. R e s p o n s i b i l i t y o f t h e C o m p a n y
  - a. T h e r e s p o n s i b i l i t y o f t h e C o m p a n y s h a l l b e l i m i t e d t o t h e f u r n i s h i n g a n d m a i n t e n a n c e o f M e g a L i n k L i g h t s e r v i c e t o a n e t w o r k i n t e r f a c e o n t h e c u s t o m e r ' s p r e m i s e s .

Note 1: A s o f O c t o b e r 1 , 2 0 1 3 , p a y m e n t p e r i o d s g r e a t e r t h a n 3 6 m o n t h s a r e n o l o n g e r a v a i l a b l e f o r n e w o r r e n e w i n g s u b s c r i b e r s .

## B 7. D I G I T A L N E T W O R K S E R V I C E

### B 7.10 M e g a L i n k L i g h t S e r v i c e ( C o n t d )

#### B 7.10.2 T e r m s a n d C o n d i t i o n s ( c o n t d )

(T)

##### D . C o n n e c t i o n s ( C o n t d )

##### 2 . ( C o n t d )

- b. The Company shall not be responsible for installation, operation, or maintenance of any terminal equipment or communications system provided by a customer. MegaLink Light service is not represented as adapted for the use of such equipment or system. Where such equipment or system is connected to Company facilities, the responsibility of the Company shall be limited to furnishing of facilities suitable for MegaLink Light service and to the maintenance and operation in a manner proper for such digital service. The Company shall not be responsible for:
  - the through transmission of signals generated by such equipment or system, or for the quality of, or defects in, such transmission, or
  - the reception of signals by such equipment or systems, or
  - damage to terminal equipment or communication system provided by a customer or authorized user due to testing.
- c. The Company shall not be responsible to the customer if changes in any of the facilities, operations, or procedures of the Company utilized in the provision of MegaLink Light service render any facilities or equipment provided by the customer obsolete, or require modification or alteration of such equipment or system or otherwise affects its use or performance.
- d. The Company undertakes to maintain and repair facilities which it furnishes. The customer may not rearrange, disconnect, remove, or attempt to repair any equipment installed by the Company without prior written consent of the Company.

##### 3 . R e s p o n s i b i l i t y o f t h e C u s t o m e r

- a. The customer is responsible for installing and testing premises equipment or facilities to insure that when they are connected to MegaLink Light service such equipment or facilities are operating properly.
- b. The operating characteristics of the customer premises equipment shall be such as to not interfere with any of the services offered by the Company. Such use is subject to the further provisions that the equipment provided by the customer does not: endanger the safety of Company employees or the public; damage, require change in or alteration of the equipment or other facilities of the Company; interfere with the proper functioning of such equipment or other facilities of the Company; impair the operation of the Company's facilities or otherwise injure the public in its use of the Company's services. Upon notice that the equipment provided by a customer is causing or is likely to cause such hazard or interference, the customer shall take such steps as shall be necessary to remove or prevent such hazard or interference.
- c. The customer's responsibility shall include cooperative testing with the Company as may be necessary. Where regeneration and/or equalization adjustments or changes may be required to compensate for rearrangements and/or changes in outside plant facilities, the customer will be responsible for all expenses incurred in changes to his premises equipment.
- d. When MegaLink Light service is connected at the serving wire center to another service which is provisioned with ANSI T1.403-1995 Extended Superframe Format (ESF) and/or Clear Channel Capability, the customer will be required to add the same format and/or line code standard to the MegaLink Light service to ensure compatibility. Rates, terms and conditions associated with Clear Channel Capability are located in B 7.1.
- e. It will be the responsibility of the customer to make a power supply available when required by the Company for its use, using Company-provided, location specific, specifications for termination, type and location.

(T)

##### E . P a y m e n t M a n a g e m e n t s a n d C r e d i t A l l o w a n c e s

1. The minimum initial service period for MegaLink Light service is 24 months. Month-to-month rates may be specified upon completion of the initial 24 month service period.
2. Suspension of service is not allowed.

## B7 DIGITAL NETWORK SERVICE

### B7.10 MegaLink Light Service

#### B7.10.2 Terms and Conditions (Cont'd)

(T)

##### E. Payment Arrangements and Credit Allowances (Cont'd)

3. A service interruption of 30 minutes or more, attributable to the MegaLink Light service Local Channel portion of the customer's end-to-end service, will result in the credit of an amount as specified in a. through e. following. These credits are applicable to the Company's MegaLink Light service Local Channel portion of the customer's end-to-end service, where the trouble is in the Company's local channel facility on public right-of-way. Credits will be applied through normal administrative processes and the dollar amount will be reflected on the customer's bill. A customer must report the outage in order to receive service outage credit, and the total credit received in any month shall not exceed the monthly rate for the service.
  - a. For service interruptions of from 30 to 150 minutes duration, the customer will receive a credit of an amount equal to 25 percent of the Local Channel monthly recurring rate.
  - b. For service interruptions of from 151 to 210 minutes duration, the customer will receive a credit of an amount equal to 50 percent of the Local Channel monthly recurring rate.
  - c. For service interruptions greater than 210 minutes duration, the customer will receive a credit of an amount equal to 100 percent of the Local Channel monthly recurring rate.
  - d. Service outages of less than 30 minutes duration will not receive credit.
  - e. Service outage credits for services into which MegaLink Light service Local Channels are terminated will be as is appropriate for those other services.
4. MegaLink Light service is eligible for credit of nonrecurring charges under provisions of the "Service Installation Guarantee" found in B2.4.17 preceding.

##### F. Service Changes

If the change involves changing a customer's MegaLink service Local Channel to a MegaLink Light service Local Channel, the change will be considered a disconnect of the existing service and full nonrecurring charges will apply for the MegaLink Light service, as appropriate. Changes from MegaLink service to MegaLink Light service will be considered an upgrade with regard to application of termination liability charges in accordance with the CSPP provisions provided in B2.4 preceding.

##### G. Independent Company Territories

Terms, conditions, rates and charges applicable for MegaLink Light service apply to MegaLink Light service provided in the Company's serving areas and areas of Independent Companies that concur in the Company's Private Line Guidebook. In those cases where a portion of MegaLink Light service is furnished by an Independent Company that does not concur in the Company's Private Line Guidebook, the rates and regulations of the Independent Company apply to the portion of MegaLink Light service it furnishes.

(T)

#### B7.10.3 Rates and Charges

##### A. Recurring Rates

1. A MegaLink Light service Local Channel is furnished between a customer's premises and its normal Serving Wire Center (SWC). Rates are based on the airline distance between the customer's premises and its normal SWC.

##### B. Nonrecurring Charges

1. Service Establishment Charges are applicable, for each MegaLink Light service Local Channel ordered, for receiving and recording information and/or taking action in connection with a customer's request, and processing the necessary data. These charges include engineering design, communication centralized testing and coordination.
2. Service Change Charges are applicable for receiving and recording information and/or taking action in connection with a customer's Inside Move or Transfer of Service responsibility request, for processing the necessary data on an existing MegaLink Light service Local Channel. A Service Change Charge is applicable for each MegaLink Light service Local Channel associated with the customer request (in lieu of a Service Establishment Charge).
3. A Premises Visit Charge is applicable, per MegaLink Light service Local Channel, for termination of the channel at a customer's premises or for Inside Moves. Only one Premises Visit Charge applies when more than one MegaLink Light service Local Channel is terminated or moved at the same premises, during the same visit.
4. Connection charges are applicable for the connection and testing of MegaLink Light service Local Channels. The applicable charges are those nonrecurring charges specified in C.1. following.

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## B 9. OPTICAL NETWORK SERVICE

### B 9.1 BellSouth Wavelength Service (Basic Arrangement) (Cont'd)

#### B 9.1.1 General (Cont'd)

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

- 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.

(Obsoleted, See Section B109)

The Company will install, test and verify that Wavelength Channels can be carried and transmitted from network interface to 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. (Obsoleted, See Section B109)
- 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.
- K. Neither electrical interfaces nor optical add/drop multiplexing are available with BellSouth Wavelength service.
- L. The customer is responsible to ensure that customer provided CPE meets any applicable technical requirements or limitations for the protocol used for the connection to the BellSouth Wavelength Service.
- M. (Obsoleted, See Section B109)
- N. A BellSouth Wavelength service Basic Arrangement Wavelength Interoffice Channel must have a connection to a Basic Arrangement Wavelength Local Channel, to a BellSouth Wavelength service Dedicated Ring Arrangement wavelength channel or to LightGate service or SMARTRing service where LightGate service or SMARTRing service interfaces are compatible with a wavelength channel.
- O. When BellSouth Wavelength service is requested at locations where fiber facilities are not available to satisfy customer requests, special construction charges will apply as set forth in Section B5., preceding.

Note 1: Effective December 1, 2012, BellSouth Wavelength Service Dedicated Ring Arrangements are obsolete, see Section B109.

## B 9. OPTICAL NETWORK SERVICE

### B 9.1 BellSouth Wavelength Service (Basic Arrangement) (Cont'd)

#### B 9.1.2 Application of Rates (Cont'd)

- H. (Obsoluted, See Section B 109)
- I. (Obsoluted, See Section B 109)
- J. 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)<sup>1</sup>, 60 Month Term Payment Plan (49-72 months)<sup>1</sup>, or 84 Month Term Payment Plan (73-96 months)<sup>1</sup>. 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<sup>1</sup> are provided under conditions specified in the Channel Services Payment Plan, (CSPP), B 2.4.9 preceding, except as modified following. For all payment plans, the following terms and conditions apply:
1. (Obsoluted, See Section B 109)
  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 B 2.4.
  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. (Obsoluted, See Section B 109)
- K. 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.

Note 1: As of October 1, 2013, payment periods greater than 36 months are no longer available for new or renewing subscribers.

Note 2: Effective December 1, 2012, BellSouth Wavelength Service Dedicated Ring Arrangements are obsolete, see Section B 109.

B100.OBSOLETE SERVICE OFFERINGS

B100.1 GENERAL (Contd)

A. (Contd)

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 the terms and conditions of the Guidebook the same as would be applicable if the service offering were not obsolete. (T)



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B101.OBSOLETE SERVICE OFFERINGS -APPLICATION OF GUIDEBOOK

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B101.OBSELETE SERVICE OFFERINGS -APPLICATION OF GUIDEBOOK

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B102.OBSOLETE SERVICE OFFERINGS - TERMS AND CONDITIONS

(T)

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B102.1.3	Reserved for Future Use	1
B102.1.4	Reserved for Future Use	1
B102.1.5	Reserved for Future Use	1
B102.1.6	Reserved for Future Use	1
B102.1.7	Reserved for Future Use	1
B102.1.8	Restoration Priority	1

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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

(Obsoleted 12-04-90) Not offered in connection with new service or changes in existing service on and after 12-04-90. 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.

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## B 103 . O B S O L E T E S E R V I C E O F F E R I N G S - C H A N N E L S A N D E Q U I P M E N T

### B 103 . 1 G e n e r a l

B 103 . 1 . 1 R e s e r v e d F o r F u t u r e U s e

B 103 . 1 . 2 R e s e r v e d f o r F u t u r e U s e

B 103 . 1 . 3 R e s e r v e d f o r F u t u r e U s e

B 103 . 1 . 4 R e s e r v e d f o r F u t u r e U s e

B 103 . 1 . 5 J o i n t U s e A r r a n g e m e n t

(Obsoleted November 22, 1997, Type 3: Not offered for new installations on and after obsolete date. Units in service on the specified date may be continued in service at the same location until such units are discontinued.)

- A . J o i n t u s e a n a r r a n g e m e n t s , f o r u s e b y o n e o r m o r e j o i n t u s e r s o n a n i n d i v i d u a l c h a n n e l , a r e o f f e r e d o n t h o s e i n t e r e x c h a n g e p r i v a t e l i n e s e r v i c e s f u r n i s h e d f o r 24 h o u r s p e r d a y , s e v e n d a y s p e r w e e k b e t w e e n p o i n t s w h i c h u t i l i z e S e r i e s 1000 a n d 2000 c h a n n e l s a n d e q u i p m e n t a n d t h o s e s e r v i c e s w h i c h a r e f u r n i s h e d f o r u s e i n c o n n e c t i o n w i t h c o m p o s i t e d a t a s e r v i c e e x c e p t :
- 1 . T h o s e s e r v i c e s w h i c h u t i l i z e a T y p e 2006 c h a n n e l , o r a T y p e 2001 c h a n n e l u s e d a l t e r n a t e l y a s a c h a n n e l i n c o n n e c t i o n w i t h f o r e i g n e x c h a n g e s e r v i c e .
  - 2 . T h o s e s e r v i c e s w h i c h a r e f u r n i s h e d i n c o n n e c t i o n w i t h a C o m m o n C o n t r o l S w i t c h i n g A r r a n g e m e n t o r a S w i t c h e d C i r c u i t A u t o m a t i c N e t w o r k ( S C A N ) .
- B . J o i n t u s e a s s p e c i f i e d i n C . t h r o u g h F . f o l l o w i n g , i s n o t o f f e r e d o n t h o s e s e r v i c e s w h i c h u t i l i z e , i n w h o l e o r i n p a r t , S e r i e s 10000 c h a n n e l s .
- C . A j o i n t u s e r m u s t h a v e a s t a t i o n a n d a t e r m i n a l o n t h e p r i v a t e l i n e a n d t h e s t a t i o n m u s t b e l o c a t e d o n t h e p r e m i s e s o f t h e j o i n t u s e r , e x c e p t t h a t t h e s e r e q u i r e m e n t s d o n o t a p p l y t o a j o i n t u s e r o f a p r i v a t e l i n e w i t h r e s p e c t t o h i s u s e o f a d d i t i o n a l c h a n n e l s c r e a t e d b y t h e c u s t o m e r f r o m t h e p r i v a t e l i n e i n a c c o r d a n c e w i t h t h i s G u i d e b o o k p r o v i d e d a j o i n t u s e r h a s a s t a t i o n o n a c h a n n e l c r e a t e d b y t h e c u s t o m e r . (T)
- D . T h e C o m p a n y s h a l l n o t b e r e s p o n s i b l e f o r t h e m a n n e r i n w h i c h t h e j o i n t u s e o f t h e s e r v i c e w i l l b e a l l o c a t e d . O r d e r s w h i c h i n v o l v e t h e s t a r t , r e a r r a n g e m e n t , o r d i s c o n t i n u a n c e o f s e r v i c e w i l l b e a c c e p t e d b y t h e C o m p a n y o n l y f r o m t h e c u s t o m e r .
- E . W h e r e a c u s t o m e r r e q u e s t s t h a t a s e r v i c e b e a n a r r a n g e d f o r j o i n t u s e , t h e c h a r g e s f o r t h e s e r v i c e s h a l l b e d e t e r m i n e d a s p r o v i d e d i n t h i s G u i d e b o o k p l u s t e n p e r c e n t o f t h e i n t e r e x c h a n g e c h a n n e l c h a r g e . (T)
- F . A l l c h a r g e s f o r t h e s e r v i c e , i n c l u d i n g t h e c h a r g e s f o r t h e j o i n t u s e a n a r r a n g e m e n t f o r i n t e r e x c h a n g e c h a n n e l s , i n t e r e x c h a n g e c h a n n e l t e r m i n a l s , s t a t i o n t e r m i n a l s a n d s t a t i o n e q u i p m e n t f u r n i s h e d f o r t h e j o i n t u s e r s a s p a r t o f t h e p r i v a t e l i n e s e r v i c e , w i l l b e c o m p u t e d a s t h o u g h t h e s e r v i c e w e r e t o b e b i l l e d t o t h e c u s t o m e r . T h e c u s t o m e r a n d e a c h j o i n t u s e r w i l l b e b i l l e d f o r t h e c o m p o n e n t s o f t h e s e r v i c e w h i c h a r e f u r n i s h e d e x c l u s i v e l y t o e a c h o f t h e m f o r h i s i n d i v i d u a l u s e . T h e c h a r g e s f o r c o m p o n e n t s o f t h e s e r v i c e w h i c h a r e j o i n t l y u s e d w i l l b e a l l o c a t e d f o r b i l l i n g p u r p o s e s i n a c c o r d a n c e w i t h p e r c e n t a g e s o f u s e s p e c i f i e d b y t h e c u s t o m e r . T h e s p e c i f i e d p e r c e n t a g e s s h a l l r e m a i n i n e f f e c t f o r a m i n i m u m o f o n e m o n t h a n d s u c h p e r c e n t a g e s o n f i l e o n t h e f i r s t d a y o f t h e c u s t o m e r ' s b i l l i n g c y c l e w i l l b e u s e d i n c o m p u t i n g t h a t m o n t h ' s b i l l i n g . W i t h o u t a f f e c t i n g t h e c u s t o m e r ' s u l t i m a t e r e s p o n s i b i l i t y f o r p a y m e n t o f a l l c h a r g e s f o r t h e s e r v i c e , e a c h j o i n t u s e r s h a l l b e r e s p o n s i b l e f o r t h e p a y m e n t o f t h e c h a r g e s b i l l e d t o h i m i n a c c o r d a n c e w i t h t h i s s u b p a r a g r a p h .

B 103.OBSOLETE SERVICE OFFERINGS - CHANNELS AND EQUIPMENT

B 103.2 Classification and Rates - Intraexchange - IntraLATA

B 103.2.1 Series 1100 Channels

(Obsoleted November 22, 1997, Type 4: Not offered for new installations on and after obsolete date. Channels in service on the specified date may be continued in service at the same location until such channels are discontinued.)

A. Terms and Conditions

1. General

- a. Series 1100, Types 1101, 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.

B. Types And Description

These channels are furnished for operation on a two point or multi-point basis for service 7 days per week, 24 hours per day, for a minimum period of one month. Types 1101 and 1102 channels are furnished for half duplex or duplex operation. The transmission characteristics for the various types of services furnished within this Series are as follows:

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

Channel Signals	Local Channels used with terminal equipment: Limited as specified in the following Local Channel descriptions:
Channel Distortion	Limited as specified in the following Local Channel 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 voltage and current adjustments.

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

- 2. Local Channels for use with terminal equipment are described following (Types 1101 and 1102):
  - a. Type 1101 - Furnished for remote operation of radiotelegraph, supervisory control, miscellaneous signaling, teletypewriter, teletypesetter, and data use, binary signals at rates up to 75 baud.
 

A two or four-wire interface engineered for binary signals at rates up to 75 baud, 20 or 62.5 milliamperes dc neutral signals.<sup>1</sup> The terminal equipment with a transmitted output of no more than 8% telegraph distortion and capable of processing received data signals with up to 35% telegraph distortion.
  - b. Type 1102 - Furnished for teletypewriter, data, supervisory control, and miscellaneous signaling use, binary signals at rates up to 150 baud.
 

EIA Standard RS232C type interface engineered for binary signals at rates up to 150 baud and the terminal equipment with a transmitted output of no more than 5% telegraph distortion and capable of processing received data signals with up to 40% telegraph distortion.
- 3. Interoffice Channels will be similar for Types 1101 and 1102.
 

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

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

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.

B 103 . O B S O L E T E S E R V I C E O F F E R I N G S - C H A N N E L S A N D E Q U I P M E N T

B 103 . 2 C l a s s i f i c a t i o n a n d R a t e s - I n t r a e x c h a n g e - I n t r a L A T A ( C o n t d )

B 103 . 2 . 1 S e r i e s 1100 C h a n n e l s ( C o n t d )

C . R a t e s - M o n t h l y S e r v i c e

2 . F o r u s e w i t h L o c a l C h a n n e l s

a . I n t e r o f f i c e C h a n n e l ( m e a s u r e d a i r l i n e d i s t a n c e b e t w e e n s e r v i n g c e n t r a l o f f i c e s )

( 1 ) P e r c h a n n e l , p e r m i l e

	Nonrecurring Charge	M onthly Rate	USOC LLQ +H
(a) For use up to 150 baud	\$ -	\$6.05	

b . C h a n n e l T e r m i n a l

( 1 ) T w o p e r i n t e r o f f i c e c h a n n e l

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

26.50	1.40	OXN
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B 103 . 2 . 2 S e r i e s 2100 C h a n n e l s

A . T e r m s a n d C o n d i t i o n s

1 . L o c a l A r e a D a t a C h a n n e l s

(Obsoleted November 22, 1997 Type 4: In consideration of the decreasing supply of metallic facilities required to provide Local Area Data Channels, the Company will convert, at the customer's request, 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 noncontinuous 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 Technical Reference.

(T)

(T)

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## B 103 . OBSOLETE SERVICE OFFERINGS - CHANNELS AND EQUIPMENT

### B 103.2 Classification and Rates - Intraexchange - IntraLATA (Contd)

B 103.2.3 (DELETED)

B 103.2.4 Reserved for Future Use

B 103.2.5 Reserved for Future use

B 103.2.6 Series 6100 Channels

(Obsoleted November 22, 1997, Type 4: These channels are not available for new installation. Existing customers may add channels to existing systems.)

#### A. Terms and Conditions

##### 1. General

- a. Series 6000 private line service provides for one way audio transmission (mainly wired music) within the specifications and limits as stated in B. following for use in connection with loudspeaker and sound recording equipment.
- 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.

(T)



103.OBSOLETE SERVICE OFFERINGS - CHANNELS AND EQUIPMENT

B103.2 Classification and Rates - Intraexchange - IntraLATA (Contd)

B103.2.6 Series 6100 Channels (Contd)

f. Charges for Types 6101 (6210) and 6105 (6214)

(1) Service Ordering Charge

		Nonrecurring Charge		
		Series 6210	Series 6214	USOC
(a)	Local Channels	\$165.75	\$165.75	NA
(b)	Channels not routed via the central office	139.50	NA	NA
(c)	Channels within the same building	NA	107.50	NA
(d)	Channels between buildings on the same continuous property	NA	123.00	NA
(e)	Inside Moves	93.25	93.25	NA
(2) Premises Visit				
(a)	For a channel between buildings, a Local Channel, a channel not routed via the central office or for Inside Moves	24.50	24.50	NA
(3) Connection Charge				
(a)	Inside Moves	75.50	75.50	NA

B103.3 Classification and Rates - Interexchange - IntraLATA

B103.3.1 Series 1000 Channels

(Obsoleted 1-1-86, Type 3: Not offered for new installations on and after obsolete date. Units in service on the specified date may be continued in service at the same location until such units are discontinued)

A. Terms and Conditions

1. General

a. Series 1000: Type 1001 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 multi-point basis for service 7 days per week, 24 hours per day, for a minimum period of one month. Type 1001 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 Type 1001 Private Line Channels used with terminal equipment are described for the end to end operation as follows:<sup>1</sup>

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

Note 1: These channels are not suitable for the transmission of alternating current tones.

(T)

B 103. OBSOLETE SERVICE OFFERINGS - CHANNELS AND EQUIPMENT

B 103.3 Classification and Rates - Interexchange - IntraLATA (Cont'd)

B 103.3.1 Series 1000 Channels (Cont'd)

C. Rates - Monthly Service (Cont'd)

2. For use with Station Terminals (Cont'd)

a. (DELETED)

b. Channel Terminal, two per Interexchange Channel

(1) For use up to 75 Baud

	Nonrecurring Charge	Monthly Rate	USOC OIN
(a) Where the interexchange mileage is 10 miles or less, Half Duplex per Channel Terminal	\$17.00	\$22.40	

B 103.3.2 Series 2000 Channels

A. (Obsoleted November 22, 1997, Type 4: Not available for new installations, moves or transfers. Existing customers may add channels only to the extent that they are available.)

Channel Services provided under the provisions of this Guidebook are offered for IntraLATA Services only. Services consisting of Interexchange Channels, Station Terminals, and channel arrangements are classified by Types. The various Series and Types are described in terms of circuit characteristics and use.

1. Interexchange services are divided into two basic rate elements, Station Terminals and Interexchange Channels. Customers must have at least one Station Terminal for each station location except for business or residence off-premises extension channel services; and the variation in termination falls into the following category:

a. Those Station Terminals used to provide a transmission path to connect terminal equipment and are defined in terms of electrical interfaces. The customer is responsible for selecting the proper type of Station Terminal to meet his service requirements. Interconnection protection criteria, terms and conditions as described in B 2.6 shall apply.

2. When a variety of terminal equipment is at different station locations, but part of the same channel, the customer is responsible for determining that the Company's Station Terminal is compatible with his terminal equipment. The Company has the overall responsibility, up to a demarcation point on the customer's premises at which the interface appears.

3. NXX Banding Description - Different rates are applicable for each type of Station Terminal based on the Band number assigned to the Station Terminal. Band numbers are determined based on the distance between the primary wire center in which the interexchange channel is terminated and the serving wire center of the customer premises. The distance is calculated using the interexchange mileage formula stated in B 3.3.3 A. Band numbers are assigned to Station Terminals according to the distance schedule following (fractional miles are considered full miles):

	Distance
Band 1 -	0 miles
Band 2 -	1 to 3 miles
Band 3 -	4 to 6 miles
Band 4 -	7 miles or greater

(r)

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## B 103.OBSOLETE SERVICE OFFERINGS -CHANNELS AND EQUIPMENT

### B 103.4 (DELETED)

### B 103.5 Reserved for Future Use

### B 103.6 Series 10000 Channels (Entrance Facilities)

(Obsoleted November 22, 1997, 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 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 Control Switching Equipment serving the premises of the customer or authorized user for use at such premises. Channels are furnished for half duplex or duplex operation on a two-point basis for service 7 days per week, 24 hours per day for a minimum period of one month, 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 and 2000 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 : (T)
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. (T)

**B 103 .OBSOLETE SERVICE OFFERINGS -CHANNELS AND EQUIPMENT<sup>1</sup>**

**B 103.8 Classification and Rates - Channel Conditioning**

**B 103.8.1 Intraexchange or Interexchange within a LATA**

**B. Types and Description (Contd)**

Type D 2 High Performance Data conditioning (HPDC) can be provided only where facilities permit.

When a channel service is equipped with Type D 2 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 D 2 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, Types 1105, 1009, 1109, 1010, and 1110 (1204 or 1205), as specified in this Guidebook is required between the control station and the switching arrangement. Bridging arrangements are not required. (T)

**C. Rates**

**1. Conditioning charges for channels not arranged for switching**

**a. For Multipoint Channel service**

(1) Types 2120, 2020, 2122 and 2022 (2463 and 2464) per channel service

	Nonrecurring Charge	Monthly Rate	USO C QHB
(a) D 2 <sup>2</sup>	\$462.25	\$63.65	

**B 103.9 Classification and Rates -Sub Voice Grade Services -Series 1000 Channels**

Obsoleted November 22, 1997, Type 4: Sub Voice Grade Local Channels will be available for new installations, moves or transfers to the extent that facilities are available; however, Types 1105, 1009, and 1109 (1204) interoffice channels are no longer available for new installations, moves or transfers. In consideration of the decreasing supply of metallic facilities, the Company will convert a customer's service requiring such facilities to a voice grade service and waive the nonrecurring charges for 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.

**B 103.9.1 Service Descriptions**

A. These channels are furnished for operation on a two point or multi-point basis subject to the number of point limitations indicated for each type and are provided for use with customer-provided power and signaling equipment. It is expressly declared that metallic facilities are in continually decreasing supply and that the Company does not hold itself in a position to make such facilities available now and in the future. In addition, if modernization programs dictate the replacement of existing metallic facilities with non-metallic facilities such as fiber optics, the Company will not be required to continue this service over metallic facilities. In consideration of the decreasing supply of metallic facilities, the Company will convert a customer's service requiring such facilities to a Voice Grade Service and waive the nonrecurring charges associated with the change. This applies to customers where metallic facilities are being replaced with non-metallic facilities, or a customer may elect to make this change at any time prior to a modernization program that would eliminate the availability of metallic facilities. The various types of services furnished within this Series are as follows:

1. Types 1105, 1009, and 1109 (1204) - a two-wire interface with two-wire facilities suitable for use with direct current continuity type of equipment. Signaling must be within the criteria as described in Technical Reference, "Transmission Specifications for Private Line Metallic Circuits" and limited to three station locations. This type channel may also be used to furnish auxiliary features (such as lights, hold, signaling, etc.).

Current applied by CPE	- ac and dc components per conductor, not to exceed 0.150 am per rms
Magnitude of the peak of the voltage between any conductor and ground	- not to exceed 70.7 volts (50 volts rms) except continuous dc voltage not to exceed 135 volts.

2. Types 1010 and 1110 (1205) - A two-wire interface with two-wire facilities suitable for low speed, uni-directional series-operated signaling. Transmission specifications as described in Technical Reference, "Transmission Specification for Low Speed Signaling System Channels". Service is limited to three serving wire centers and 26 stations.

Note 1: Material on this page changed as a result of a restructure.

Note 2: A charge equal to the Channel Connection charge for each Local Channel on the service shall apply and is in addition to the nonrecurring charge for the HPDC, when HPDC is provided subsequent to the installation of the basic channel.

B103.OBSOLETE SERVICE OFFERINGS - CHANNELS AND EQUIPMENT

B103.9 Classification and Rates - Sub Voice Grade Services - Series 1000 Channels  
(Contd)

B103.9.2 Local Channels<sup>1,2</sup>

A. Sub Voice Grade

1. Per Local Channel

		Monthly Rate	Nonrecurring Charge First	Additional	USOC
(a)	Type 1204 <sup>3</sup>	\$13.99	\$72.65	\$72.65	PLJAX
(b)	Type 1205 <sup>3</sup>	14.65	103.00	103.00	PLJHX
B. For Use with term inal equipment					
1. Channels wholly within the same building <sup>4</sup>					
(1) To connect a station location in a building to another station location, per channel					
(a)	Type 1109/1009 (1204)	\$0.75	\$131.75	\$131.75	24A9+
(b)	Type 1110/1010 (1205)	0.75	131.75	131.75	24A9+
(2) To connect additional station locations in a building to a Local channel, to a channel between different buildings on the same continuous property or to a channel wholly within the same building, each termination					
(a)	Type 1109/1009 (1204)	0.75	66.50	66.50	267++
(b)	Type 1110/1010 (1205)	0.75	66.50	66.50	267++
2. For a channel between different buildings on same continuous property <sup>1,4</sup>					
(1) First 1/10 mile					
(a)	Type 1105/1109/1009 (1204)	2.05	131.75	131.75	1L3+E
(b)	Type 1110/1010 (1205)	2.05	131.75	131.75	1L3+E
(2) Each additional 1/10 mile					
(a)	Type 1105/1109/1009 (1204)	1.70	-	-	1L3+E
(b)	Type 1110/1010 (1205)	1.70	-	-	1L3+E

Note 1: Nonrecurring charges are described in B3.3.1.A.

(T)

Note 2: Sub Voice Grade Local Channels will be available for new installations, moves or transfers only to the extent that facilities are available.

Note 3: Types 1105, 1009 and 1109 have been restructured to Type 1204. Types 1010 and 1110 have been restructured to Type 1205. Interoffice Channels associated with Types 1105, 1009, 1109, 1010 and 1110 are now restructured as Series 1000.

Note 4: Reference B3.1.3 concerning these channels.

B 103. OBSOLETE SERVICE OFFERINGS - CHANNELS AND EQUIPMENT

B 103.9 Classification and Rates - Sub Voice Grade Services - Series 1000 Channels  
(Contd)

B 103.9.3 Non-Wire Center Connected Channels<sup>1</sup>

A. Served Direct

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

		Nonrecurring Charge		USOC
	Monthly Rate	First	Additional	SDDIX
(a) Type (Series 1000)	\$11.75	\$72.00	\$72.00	

B 103.9.4 Interoffice Channels<sup>2,3,4</sup>

A. Fixed and Mileage Charges applicable

1. Sub Voice Grade<sup>5</sup>

	Fixed Monthly Charge	Monthly Charge Per Mile	Nonrecurring Charge Per Channel	USOC
(a) Series 1000	18.00	1.50	19.05	3LBAS

B 103.10 Reserved For Future Use

B 103.11 Data Communicating Equipment

B 103.11.1 Data Access Arrangements

(Obsoleted 2-18-81, Type 4: Not available for new installations, except with services exempted from the FCC Registration Program (i.e., party-line service and semi-public coin service, - see A 15.1.8). Reconnections subject to terms and conditions in A 15.1.3 B.) (T)

Note 1: Material on this page changed as a result of a restructure.

Note 2: Nonrecurring charges are described in B 3.3.1 A. (T)

Note 3: Form method of determining mileage, see B 3.3.3 A

Note 4: Reference Section B 3.5 A concerning these channels

Note 5: Types 1105, 1009 and 1109 have been restructured to Type 1204. Types 1010 and 1110 have been restructured to Type 1205. Interoffice Channels associated with Types 1204 and 1205 are now restructured in Series 1000.

B 103 . O B S O L E T E S E R V I C E O F F E R I N G S - C H A N N E L S A N D E Q U I P M E N T

B 103 . 11 D a t a C o m m u n i c a t i n g E q u i p m e n t ( C o n t d )

B 103 . 11 . 1 D a t a A c c e s s A r r a n g e m e n t s ( C o n t d )

A . G e n e r a l

Except as otherwise provided in B 2 . 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 B 2 . 6 . 3 . (T)

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

		Installation Charge	Monthly Rate	USOC	
(a)	Arrangement for unattended sending and receiving through a voltage type control interface, each	\$12.00	\$14.90	CBS++	(T)
(b)	Arrangement for unattended sending and receiving through a contact closure type control interface, each <sup>1</sup>	12.00	13.25	CBT++	(T)

B 103 . 11 . 2 C o n n e c t i n g E q u i p m e n t

(Obsoleted November 22, 1997, Type 4: Not available for new installations or additions of new equipment to existing systems.)

A . Except as otherwise provided in B 2 . 6 . 4 , installations of new 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 B 2 . 6 . 3 . (T)

B . V o i c e C o n n e c t i n g A r r a n g e m e n t s <sup>2</sup>

1. Automatic For connection of a communications system 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 System arranged for dial or automatic signaling or;

For connection of a communications system to a Common Control Switching Arrangement access line. The following automatic connecting arrangement also provides for the network control signaling functions

(a)	Each connection <sup>3</sup>	110.75	10.50	CDQ++
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Note 1: No Installation charge applies when Data Access Arrangement is installed or moved at the same time as the terminal with which it is associated.

Note 2: Where a data access arrangement, as set forth in B 103 . 11 . 1 , 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 3: No Installation charge applies when Voice Connecting arrangement is installed or moved at the same time as the terminal with which it is associated.

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 B107.OBSOLETE SERVICE OFFERINGS -DIGITAL NETWORK SERVICE

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## B107.OBSOLETE SERVICE OFFERINGS -DIGITAL NETWORK SERVICE

### B107.1 Reserved for Future Use

### B107.2 Synchronet Service

(Obsoleted 08-04-93, Type 4) The provision of Synchronet service will be continued for circuits in place as of August 4, 1993, under the following guidebook. Additions to Synchronet service arrangements being provided from B107.2 must be made from B107.2. New circuits, not directly connected to the original Synchronet service arrangement provided from B107.2, that are established on or after August 4, 1993, will be provided from B7.2. Customers with existing Synchronet service arrangements provided from B107.2 may move a portion of that arrangement. In such case, the customer's arrangement will continue to be provided from B107.2. Nonrecurring charges do not apply for customers desiring to change existing service from B107.2 to B7.2.

(T)

#### B107.2.1 General

- A. Synchronet service is furnished for IntraLATA Communications by the Company.
- B. The service is provided for the transmission of digital signals only and is furnished only via digital transmission facilities.
- C. Synchronet service provides for the simultaneous two-way transmission of synchronous digital signals at speeds of 2.4, 4.8, 9.6 and 56 Kbps between customer locations where appropriate digital facilities for this service are available as determined by the Company.
- D. Multipoint Service and/or Secondary Channel capability may not be available in all Synchronet service locations.
- E. To ensure satisfactory operation, the terminal equipment provided by the customer must be compatible with the channel facility provided by the Company.
- F. Unless specified following, the terms and conditions for Synchronet service specified herein apply in addition to the terms and conditions set forth in Section B2. preceding.
- G. The rates specified for Synchronet service are in B107.2.3 following. The Company will provide a digital facility over existing interoffice carrier equipment and/or transmission facilities compatible with Synchronet service.

(T)

#### B107.2.2 Terms and Conditions

(T)

##### A. Description of Service

1. Service is furnished for the simultaneous two-way transmission of digital signals at synchronous rates of 2.4, 4.8, 9.6 and 56 Kbps between two or more points located within a LATA.
2. Service is furnished for duplex operation only. This service may also be furnished on a link (partial channel) basis when connected to FlexServ service and/or Megalink channel service.
3. A minimum initial service period of three months is required.
4. The design, maintenance and operation of Synchronet service contemplates communications originating or terminating at stations of the customer or user. While connections to communications systems provided by others may be made on a permissive basis as provided for in Section B2., the Company does not represent this service as adapted for such connections, and shall not be responsible for the through transmission of signals, or the quality of such transmission on such connections.
5. A Channel Service Unit provided by the customer is required at a customer's or authorized user's premises to perform such functions as:
  - proper termination of the service
  - amplification

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## B107.OBSOLETE SERVICE OFFERINGS -DIGITAL NETWORK SERVICE

### B107.2 Synchronet Service (Cont'd)

#### B107.2.2 Terms and Conditions (Cont'd)

(T)

##### A. Description of Service (Cont'd)

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

- signal shaping
- remote loop-back

##### B. Definitions

###### CHANNEL SERVICE UNIT

The term "Channel Service Unit" (CSU) denotes equipment provided by the customer to terminate a digital facility on the customer's, user's or Other Common Carrier's premises.

###### DIGITAL INTERNODAL CHANNEL

The term "Digital Internodal Channel" denotes a path (or paths) for digital transmission between Node Central Offices within a LATA. An internodal channel may be furnished in such a manner as the Company may elect.

###### DIGITAL INTEROFFICE CHANNEL

The term "Digital Interoffice Channel" denotes a path (or paths) for digital transmission between Serving Wire Centers and Node Central Offices, within a LATA. An interoffice channel may be furnished in such a manner as the Company may elect.

###### DIGITAL LOCAL CHANNEL

The term "Digital Local Channel" denotes a path for Synchronet service furnished from the Serving Wire Center to the demarcation point on the customer's premises.

###### MULTIPOINT SERVICE

The term "Multipoint Service" denotes a service which provides communications capability between more than two points by means of a bridging or hubbing arrangement. For the provision of Synchronet service, the bridging or hubbing arrangement shall be located at the same Node Central Office.

###### NODE CENTRAL OFFICE

The term "Node Central Office" denotes that physical location the Company has designated as a test, maintenance and monitoring center to service one or more Serving Wire Centers. There may be more than one Node Central Office within a LATA.

###### POINT

A point is a location on the customer's or user's premises at which a Digital Local Channel is terminated. Each Synchronet service point requires service from a Node Central Office.

###### SECONDARY CHANNEL CAPABILITY

The term "Secondary Channel Capability" denotes the offering of a companion digital transmission capability over the same physical facility as the primary channel at a lower bit rate. Terminal equipment required to support secondary channel capability must be provided by the customer.

###### SERVING WIRE CENTER

The term "Serving Wire Center" denotes the local telephone central office assigned to subscribers in a well defined area. A Serving Wire Center may be further designated by the Company as a Node Central Office.

##### C. Method of Applying Rates

1. A Digital Local Channel is furnished between a Serving Wire Center and the demarcation point on the customer's premises. The rate is based on 1/2 mile increments, or fraction thereof, for the airline distance measured between the Serving Wire Center and the customer's premises.

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## B107.OBSOLETE SERVICE OFFERINGS -DIGITAL NETWORK SERVICE

### B107.2 SynchroNet Service (Cont'd)

#### B107.2.2 Terms and Conditions (Cont'd)

(T)

##### C. Method of Applying Rates (Cont'd)

2. A Serving Wire Center Termination charge is applicable for each Digital Local Channel to cover those fixed charges to terminate each local channel in the Company's Wire Center.
3. Node Terminations are applied to each termination within the Node Central Office. A charge is applicable for each Local Channel or equivalent.
4. A Digital Interoffice Channel will be required when a Digital Local Channel terminates in a Serving Wire Center that is not a Node Central Office. The rate is based on airline mileage, or fraction thereof, between the Serving Wire Center and the Node Central Office.
5. An Intermodal Channel will be required between Nodes when a customer has a requirement to connect premises located in separate Nodal Service Areas. The rate is based on airline mileage, or fraction thereof, between Node Central Offices.<sup>1</sup>
6. A line distance between Company central offices shall be developed using methodology and Vertical (V) and Horizontal (H) coordinates contained in the National Exchange Carrier Association (NECA) Tariff F.C.C. No. 4. Fractional miles are to be rounded up to the next full mile.

##### D. Connections

1. Customer-Provided Terminal Equipment, Customer-Provided Derivation Equipment and Customer-Provided Communications Systems may be connected to SynchroNet service when such a connection is made in accordance with the provision specified in 2. and 3. following.
2. The responsibility of the Company shall be limited to the furnishing and maintenance of service to a network interface on the customer's, or user's premises where provision is made for the connection of local service. If the customer requires a different location in the same building, it can be provided under B107.2.3.D. The customer or user is responsible for installing and testing his premises equipment or facilities to insure that when they are connected with the SynchroNet service such equipment or facilities are operating properly. (T)
3. The customer responsibility shall include cooperative testing with the Company as may be necessary. Where regeneration and/or equalization adjustments or changes may be required to compensate for rearrangements and/or changes in outside plant facilities, the customer or user will be responsible for all expenses incurred in changes to their premises equipment.
4. The customer shall be responsible for payment of a service charge, as set forth in Section B2, for visits by the Company to the premises of the customer or user where the service difficulty or trouble report results from the use of equipment or facilities provided by the customer or user. (T)
5. Connection of Customer-Provided Terminal Equipment, Customer-Provided Derivation Equipment and Customer-Provided Communications.
  - a. The following provisions will apply:
    - (1) Customer-Provided Terminal Equipment, Customer-Provided Communications Systems may be connected at the premises of the customer, or user to SynchroNet service.

Note 1: When more than one Node Central Office is required, mileage will be calculated from the customer's designated Serving Wire Center to the first Node, from that Node to the subsequent Node, then to the Remote Serving Wire Center.

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 B107.OBSOLETE SERVICE OFFERINGS -DIGITAL NETWORK SERVICE

## B107.2 Synchronet Service (Cont'd)

## B107.2.2 Terms and Conditions (Cont'd)

(T)

## D. Connections (Cont'd)

## 5. (Cont'd)

## a. The following provisions will apply: (Cont'd)

- (2) The customer or user, by use of its own derivation equipment, may create digital bit streams from Synchronet service. Such equipment may be connected for transmission of such bit streams when connected thru a customer-provided CSU.

## b. Connections to Other Services Furnished by the Company to the Same Customer

Synchronet service as furnished by the Company may be connected to another service or to other services furnished by the Company as specified following:

- (1) At the premises of the customer or user to Series 2000 analog data channels furnished under the rates, terms and conditions in this Guidebook.

(T)

## c. Connections to other services furnished by the Company to different customers

Synchronet service as furnished by the Company to a customer may be connected at the premises of the customer or user to other services furnished by the Company to different customers as specified in D.2. preceding.

## d. Connection of Channel Service Units

A Channel Service Unit (CSU) must be provided by the customer to connect a Company-provided digital facility. In accordance with Part 68 of the FCC's Rules and Regulations, new grandfathered CSUs may be connected, moved, and reconnected until June 30, 1987. After this date only registered and previously connected grandfathered CSUs may be connected to Company-provided digital facilities.

Grandfathered CSU equipment must comply with the requirements outlined in the Technical Reference Publication #62310, dated September, 1983. This publication is now available from Publishers' Data Center, Inc., P.O. Box C738, Pratt Street Station, Brooklyn, New York 11205. Registered technical requirements for CSUs are outlined in Part 68 of the FCC's Rules and Regulations. A copy may be obtained from the Federal Communications Commission, Room BB300, Washington, D.C. 20054.

(T)

## e. Responsibility of the Company

- (1) The Company shall not be responsible for installation operation or maintenance of any terminal equipment or communications systems provided by a customer or user. Synchronet service is not represented as adapted to the use of such equipment or system. Where such equipment or system is connected to Company facilities the responsibility of the Company shall be limited to the furnishing of facilities suitable for Synchronet service and to the maintenance and operation in a manner proper for such digital service. The Company shall not be responsible for:
- the through transmission of signals generated by such equipment or system, or for the quality of, or defects in such transmission or
  - the reception of signals by such equipment or systems, or
  - damage to terminal equipment or communications systems provided by a customer or authorized user due to testing.

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## B107.OBSOLETE SERVICE OFFERINGS -DIGITAL NETWORK SERVICE

### B107.2 SynchroNet Service (Cont'd)

#### B107.2.2 Terms and Conditions (Cont'd)

(T)

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

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

##### e. Responsibility of the Company (Cont'd)

- (2) The Company shall not be responsible to the customer or user if changes in any of the facilities, operations or procedures of the Company utilized in the provision of SynchroNet service render any facilities or equipment provided by a customer or user obsolete, or require modification or alteration of such equipment or system, or otherwise affects its use or performance.
- (3) The Company undertakes to maintain and repair the facilities which it furnishes. The customer or user may not rearrange, disconnect, remove or attempt to repair any equipment installed by the Company without prior written consent of the Company.
- (4) The Company has set a design objective of 99.5 percent error free seconds of operation at all speeds with SynchroNet service.

##### E. Payment Arrangements and Credit Allowance

1. The minimum period for which service is furnished and for which charges are applicable is three months.
2. Suspension of service is not allowed.
3. When service is interrupted due to causes other than the negligence of the customer or user, or the failure of facilities furnished by the customer or user, a credit allowance will be made upon request for the portion of the service which is affected. For the purpose of determining the amount of allowance every month is considered to have thirty days and only those stations on the interrupted portions of a service shall be considered in determining the number of stations affected. All such credit allowances shall begin from the time of notice by the customer or user to the Company that an unsatisfactory performance level has occurred, provided that the customer or user promptly releases the service as requested by the Company to perform testing and maintenance.
  - a. Interruptions of less than three hours - no credit is applied.<sup>1</sup>
  - b. Interruptions of three hours or over are credited to the customer at the proportionate monthly charge in half-hour multiples for each half-hour or major fraction thereof of interruption.
  - c. Interruption for a period of twenty-four hours or more, credit is allowed for the proportionate part of the monthly charge in multiples of one day for each twenty-four hours or major fraction thereof of interruption for the portion of the service affected by the interruption.

Note 1: Two or more interruptions of thirty minutes or more, during any period up to, but not including three hours, shall be considered as one interruption.

B107.OBSOLETE SERVICE OFFERINGS -DIGITAL NETWORK SERVICE

B107.2 SynchroNet Service (Cont'd)

B107.2.3 Rates and Charges (Cont'd)

C. Service Options (Cont'd)

- 2. Secondary Channel Capability, per local channel

	Nonrecurring Charge	Monthly Rate	USOC
(a) Each <sup>1,2,3</sup>	\$58.00	\$14.50	SFS

D. Service Connection Charges

1. Service Ordering Charges are applicable, per service order, for receiving and recording information and/or taking action in connection with a customer's request and processing the necessary data. These charges include the engineering design function. Only one Service Ordering Charge applies for, (1) a two-point channel service or (2) more than one channel service ordered and installed at the same time of the same type for termination at the same premises.
2. Premises Visit Charges are applicable, per Digital Local Channel, for the termination of a channel within the same building or for inside moves. Only one Premises Visit Charge applies when more than one channel service of the same type is terminated at the same premises at the same time.
3. Channel Connection Charges are applicable for the connection and testing of Digital Local Channels, Serving Wire Center Terminations, Node Terminations and for Inside Moves. The charges applied are those nonrecurring charges associated with this service. Connection charges for moving a channel termination from one point within a building to another point within the same building (Inside Moves) are per termination and are as specified in 5. following.

4. Changes

Changing from one type of service to another type of service is considered as a disconnect and a new connect.

Customer required changes of data transmission rate for a SynchroNet service, subsequent to initial installation and where no premises visit is required, will not be treated as a change of service. One-half of the standard Nonrecurring Channel Connection Charges as outlined under B107.2.3 A., B., and C will be applicable for these data transmission rate changes.

(T)

5. Charges for SynchroNet service

a. Service Ordering Charge

- (1) Per Service Order

	Nonrecurring Charge	USOC
(a) Point-to-Point Service	\$186.75	NA
(b) Multipoint Service	234.25	NA
(c) Inside Moves	122.00	NA

Note 1: Not available at all service locations.

Note 2: This option cannot be provided where 56.0 Kbps repeaters are required for digital local channels.

Note 3: Nonrecurring charge is applicable only if Secondary Channel service is being added subsequent to the installation of basic service.

B 107. OBSOLETE SERVICE OFFERING - DIGITAL NETWORK SERVICE

B 107.2 SynchroNet Service (Cont'd)

B 107.2.3 Rates and Charges (Cont'd)

D. Service Connection Charges (Cont'd)

5. Charges for SynchroNet service (Cont'd)

a. Service Ordering Charge (Cont'd)

(1) Per Service Order (Cont'd)

Nonrecurring  
Charge

USOC

d. Secondary Channel Capability

NA

b. Premises Visit Charge

(1) Per Digital Local Channel  
or for an Inside Move

a. Per Visit

\$38.75

NA

c. Connection Charge

(1) Per Inside Move

a. Each Termination

122.00

NA

B 107.3 Reserved For Future Use

B 107.4 Light Gate Service

B 107.4.1 Reserved for Future Use

B 107.4.2 Reserved for Future Use

B 107.4.3 Digital Architecture and Definitions

A. Reserved for Future Use

B. Definitions

LIGHTGATE 2

(Obsoleted 11/30/01, Type D) Not available for new installations or moves of service to a different premises. New channel activations must be ordered under section B 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 B 7.4.5. Any new features added at the time of conversion will incur standard nonrecurring charges as stated in section B 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 Light Gate 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 Light Gate services.

(T)

B107.OBSOLETE SERVICE OFFERING - DIGITAL NETWORK SERVICE

B107.4 LightGate Service (Contd)

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

(Obsoleted 11/30/01, 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 comm on 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	H FQ 4N
(b) Per Central Office DS3 Interface <sup>2</sup>	225.00	115.00	90.00	80.00	70.00	FQ A 4X
(c) Per Central Office DS1 Interface	170.00	12.00	8.00	7.00	6.00	FQ A 1X
(d) Per Customer Premises DS3 Interface <sup>2</sup>	300.00	115.00	90.00	80.00	70.00	FQ B 4X
(e) Per Customer Premises DS1 Interface	250.00	17.00	13.00	11.50	10.00	FQ B 1X

2. LightGate 2 System (Three DS3 Capacity)

a. Includes photonic comm on 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	H FQ 5N
(b) Per Central Office DS3 Interface <sup>2</sup>	225.00	115.00	90.00	80.00	70.00	FQ A 4X
(c) Per Central Office DS1 Interface	170.00	12.00	8.00	7.00	6.00	FQ A 1X
(d) Per Customer Premises DS3 Interface <sup>2</sup>	300.00	115.00	90.00	80.00	70.00	FQ B 4X
(e) Per Customer Premises DS1 Interface	250.00	17.00	13.00	11.50	10.00	FQ B 1X

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.



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## B107. OBSOLETE SERVICE OFFERING - DIGITAL NETWORK SERVICE

### B107.5 MegaLink ISDN Service (Contd)

#### B107.5.1 General (Contd)

- 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. Customers may activate any number of B channels from one to twenty-three. 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). MegaLink ISDN service may not be extended to Centrex Type Services or ESSX ISDN service.
- 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 B7.1.1.F. (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. (T)
- F. Minimum subscription period for which month-to-month Primary Rate services are furnished and for which charges are applicable is one month.
- G. 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.
- H. Local exchange services utilizing the MegaLink ISDN service Primary Rate Interface are only available with Network Access Register (NAR) Packages located in Section A3. of the General Exchange Guidebook.
- I. Rates for intraLATA WATS/800 service can be found in North Carolina's Non-Regulated Services - Pricing publication. (T)

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## B 107. OBSOLETE SERVICE OFFERING - DIGITAL NETWORK SERVICE

### B 107.5 MegaLink ISDN Service (Cont'd)

#### B 107.5.2 Terms and Conditions (Cont'd)

- J. Verification and Emergency Interrupt service is not available for MegaLink ISDN services. (T)
- K. 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)
- L. 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 up to 23 B-channels and 1 D-channel. Additional MegaLink ISDN service arrangements are ordered with up to 24 B-channels at rates and charges provided in B 107.5.6.C. The D-channel activated on the initial arrangement serves the additional MegaLink ISDN service 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.

#### B 107.5.3 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.

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## B107.OBSOLETE SERVICE OFFERING - DIGITAL NETWORK SERVICE

### B107.5 MegaLink ISDN Service (Contd)

#### 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)

#### 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 LATAs.

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## B107.OBSOLETE SERVICE OFFERING - DIGITAL NETWORK SERVICE

### B107.5 MegaLink ISDN Service (Contd)

#### B107.5.5 Service Components (Contd)

- B. The required components for MegaLink ISDN service will be as follows: (Contd)
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.
  4. Primary Rate "B" Channels - will provide a 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 be billed for local exchange service in accordance with flat rate Network Access Register (NAR) rates and charges found in Section A 3. of the General Exchange Guidebook for all ISDN facilities.
    - 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 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 found in Section A 3. of the General Exchange Guidebook. Rates for intraLATA WATS/800 service can be found in North Carolina's Non-Regulated Services - Pricing publication.
- C. Incoming Call Identification - This optional feature provides the customer with the telephone number of the calling party on calls within the SS7 serving area. Incoming call identification is provided via the D Channel associated with incoming calls on a B channel(s) to a PBX. This feature is only available in offices in which Caller ID and associated blocking required by North Carolina Utilities Commission Order of May 12, 1992, in Docket P-55, Sub 925 are available. Where call blocking is available, Incoming Call Identification can be blocked if a customer elects to activate this service.

## 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 4; 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 contemporaneous with the customer's existing CSPP. Customers with CSPPs that expire may not extend their service contract. In addition, effective December 1, 2016, no Move, Add or Change orders of any type will be accepted.

#### B109.1.1 General

A. Obsoleted BellSouth Wavelength service provides high volume optical transport capabilities utilizing a dedicated ring topology. Obsoleted BellSouth Wavelength service is available in one (1) service arrangement, i.e., a Dedicated Ring Arrangement. This service arrangement provides various transparent transport and bit rate specific wavelength channel service capabilities to support customer needs for broadband connectivity.

B. Reserved for future use.

C. The BellSouth Wavelength service Dedicated Ring Arrangement provides dedicated bandwidth over dedicated facilities in a ring topology service configuration. A BellSouth Wavelength service Dedicated Ring Arrangement provides the capability for customers to activate wavelength channels between Service Node locations on the ring. A Service Node location is a location where equipment is located that provides customers add/drop connectivity to a BellSouth Wavelength service Dedicated Ring Arrangement via Primary System and Expansion System service components. These service components are considered ring level and contain the fiber transport associated with the service. A minimum of two (2) Service Node locations is required for a BellSouth Wavelength service Dedicated Ring Arrangement. This minimum configuration may be Service Nodes at either a customer-designated premises and a Company serving wire center, at two (2) Company serving wire centers or at two (2) customer-designated premises. Additional Service Node locations at customer-designated premises and/or at Company serving wire centers may be established, up to the limitation of the service. BellSouth Wavelength service Dedicated Ring Arrangement Wavelength Channels are available for the activation of wavelengths between Service Node locations.

For BellSouth Wavelength Service Dedicated Ring Arrangements with Service Node locations only at customer designated premises, a Monitoring Node may be required at a Company Central Office in order to assure proper operation of a customer's service and provide alarm/monitoring capability. A Monitoring Node does not contain the capability to add or drop services and will be provided at no additional charge to the customer. A Monitoring Node will appear on a customer's records as a non-rated USOC, as follows:

Monitoring Node, non-rated

USOC

W 32M N

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.

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## 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 and 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 network interface to 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 obsolete. 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 System s. 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 System s 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 System s 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 coterminal 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

B109.1BellSouth 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 <sup>1</sup>	\$2,000.00	\$5,916.00	\$4,548.00	\$3,953.00	\$3,400.00	W 32DB
(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	W 32DD
(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	W 32DF
(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	W 32DH
(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	W 32DK
(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	W 32DM
(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	W 32DO
(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	W 32DQ
(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	W 32DS
(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	W 32DU
(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	W 32DW
(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	W 32DY
(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	W 32D1
(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	W 32D3
(ad) Per Enterprise System Connection™ - SB CON Channel Wavelength Transport Optical Network Protected <sup>1</sup>	2,000.00	2,992.00	2,304.00	1,998.00	1,743.00	W 32D5

4. Amplification

(a) Optical Signal Amplification Node, Per Node	2,000.00	3,440.00	2,645.00	2,300.00	2,000.00	W 32RE
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C. BellSouth Wavelength service Client Protection Rearrangement Charge

(a) Client Protection Rearrangement Charge Subsequent to initial installation	1,500.00	-	-	-	-	C PROT
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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.

(F)

TITLE PAGE  
PRIVATE LINE GUIDEBOOK  
FOR THE  
STATE OF NORTH CAROLINA

This Guidebook contains terms, conditions and rates applicable for the furnishing of IntraState/IntraLATA Private Line Service by BellSouth Telecommunications, LLC within this State.<sup>1</sup>

(T)

Communication services described in this Guidebook are furnished through facilities provided by the Company for the transmission of intelligence by electrical impulse, principally by means of wire, radio, or a combination thereof.

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

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 PRIVATE LINE GUIDEBOOK FOR THE STATE OF NORTH CAROLINA
 

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## EXPLANATION OF SYMBOLS

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

(B)	To signify rates established under bond	
(C)	To signify a changed term and condition	(T)
(D)	To signify discontinued rate, term and condition, or text	(T)
(I)	To signify increase in rate	
(M)	To signify a move from one page to another with no change to text or term and condition	(T)
(N)	To signify new rate and/or new term and condition, and/or new text	(T)
(O)	To signify obsolete rate, term and condition, or text	(T)
(R)	To signify reduction in rate	
(S)	To signify matter already appearing in another part of the Guidebook and repeated for clarification	
(T)	To signify a change in text but no change in rate or term and condition	(T)
(U)	To signify USOC added or changed only	
(V)	To signify vintaged offering	

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

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