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A30. RESERVED FOR FUTURE USE

Pages 2 through 3 are hereby deleted in their entirety and removed from this Guidebook. (N)

A32. INTEGRATION PLUS MANAGEMENT SERVICES (IPMS) (T)

CONTENTS

A32. INTEGRATION PLUS MANAGEMENT SERVICES (IPMS)

A32.1 Integration Plus Management Services (IPMS) Description

A32.1.1 General

A. Description

Integration Plus management services is a family of services that give the customer the capability to integrate, monitor and manage network services provided by the Company via a terminal or workstation located on the customer's premises.

B. Specifications

Integration Plus management services will be available where facilities and technology permit.

C. Service Descriptions

INTEGRATION PLUS MANAGEMENT SERVICES TERMINAL INTERFACE (IPMSTI)

Integration Plus Management Services Terminal Interface provides the customer various means of access to FlexServ service. The means include either dial, dedicated or web access and several categories within these methods.

FLEXSERV SERVICE

FlexServ service enables the customer to monitor and reconfigure his private line and DS1 level services without direct interaction with Company personnel.

NETWORK USAGE INFORMATION SERVICE

Network Usage Information Service is a service that collects customer-specific data and presents the information to the customer's premises. Network Usage Information Service functions include Station Message Detail - Premises and Traffic Reports.

Network Usage Information Service will act as the collector, integrator, and interface for circuit-switch usage data involving central offices in the Company's network. The data will be generated by customers using the Public Switched Network provided by the Company.

D. Payment Schedules

1. General
   a. Integration Plus management services offer the following payment periods:
      - Month-to-Month Payment Plan (One month option)
      - 24 to 48 Month Term Payment Plan
      - 49 to 72[1] Month Term Payment Plan
      - 73 to 96[1] Month Term Payment Plan
   b. IPMS customers may select variable payment periods under the Term Payment Plan.
   c. The monthly rate for IPMS is dependent upon the payment period selected by the customer.
   d. The monthly rates for IPMS under the Term Payment Plan for the periods of 24 to 48, 49 to 72 and 73 to 96 months are not subject to the Company initiated rate changes.
2. Expiration of Payment Period
   a. IPMS customers must upon the expiration of their payment period:
      (1) Select a new payment period as offered in the current ***guidebook***, or[1] (T)
      (***2***) 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 A2.4. (T)

Note 1: Effective October 1, 2015, customers may not establish new term plans greater than 60 months, and existing term plans greater than 60 months may not be renewed or extended for a term greater than 60 months.

A32. INTEGRATION PLUS MANAGEMENT SERVICES (IPMS) (T)

A32.1 Integration Plus Management Services (IPMS) Description (Cont'd) (T)

A32.1.1 General (Cont'd)

D. Payment Schedules (Cont'd)

2. Expiration of Payment Period (Cont'd)

b. An IPMS customer may at any time during the selected payment period re-subscribe for an equal or longer payment period at the current ***guidebook*** rates subject to the following conditions: (T)

(1) No credit will be given for payments made during the formerly selected period. Nonrecurring charges and installation charges will not be reapplied.

(2) The new payment period begins with the billing date following the date the new payment period is requested.

(3) No termination charge applies for the former payment period.

(4) A Secondary Service Charge as specified in Section A4 will apply. (T)

c. An IPMS customer may at any time during his selected payment period re-subscribe for a payment period, shorter in length than the time remaining in the existing service agreement, subject to the following conditions:

(1) No credit will be given for payments made during the formerly selected period. Nonrecurring charges and installation charges will not be reapplied.

(2) The new payment period begins with the date requested.

(3) A termination charge will be applied which represents the remaining amount of the longer contract less the total amount of the shorter contract. (Difference is the remaining amount of the original contract and the total amount to be paid with the shorter contract.)

(4) A Secondary Service Charge as specified in Section A4 will apply. (T)

3. Termination Liability

a. **(DELETED)** (D)

b. For term plans entered into on or after April 3, 2001, a customer's liability for the termination of service prior to the time the customer's obligations under the term plan would have otherwise been satisfied are set forth in ***paragraph*** A2.4.10.E. (T)

c. Termination Liability charges will not apply for customer requests for moves of service which are under a contract plan from one location to another within the same state. All appropriate nonrecurring charges for establishing service at the new location will apply. No lapse in billing will occur for moves of such service under a contract plan and the minimum service period obligation shall remain the same.

d. Dial Access customers under a Term Payment Plan may move to Web Access, without Termination Liability, if the new Web Access service is under an equivalent or longer Term Payment Plan. The Web Access nonrecurring charge will apply for such a move.

4. Allowance for Interruptions

a. When service is interrupted due to a failure or malfunction of IPMS, a pro rata adjustment of the appropriate IPMS monthly charges will be allowed at the request of the subscriber if the total system is unavailable for more than a twenty-four hour period and in accordance with the ***terms and conditions*** specified in Section A2. (T)

b. No allowances will be granted for interruptions required to perform preventive or routine maintenance, or to perform software updates when the customer is notified at least twenty-four hours prior to such occurrences.

5. Suspension of service is not allowed.

A32. INTEGRATION PLUS MANAGEMENT SERVICES (IPMS)

A32.1 Integration Plus Management Services (IPMS) Description (Cont'd)

A32.1.2 Integration Plus Management Services Terminal Interface

A. ***Terms and Conditions*** (T)

1. General

   The Integration Plus Management Services Terminal Interface chosen is utilized with either a switched service, a private line service or a web access service as a means of accessing FlexServ service. (IPMSTI may only be used with FlexServ service.) If the customer is located outside a local calling area, he must obtain any required switched service from ***the Company***, or from another provider. If the customer desires to access an IPMS function via private line, he must purchase a private line from the appropriate ***guidebook*** or from another service provider if his company location is outside a LATA served by the Company. If the customer desires to access an IPMS function via the web, the customer may utilize a personal computer that has a standard web browser. Switched services and private line service used as a means of accessing FlexServ service has been obsoleted (see Section A132). (T)

2. Availability of Access

   Access to IPMS is furnished only in serving wire centers where facilities are available.

3. Requirements For Access

   a. (Obsoleted, See Section A132.)

   b. (Obsoleted, See Section A132.)

   c. Web Access

      The customer must provide a personal computer (pc) that has a standard web browser. The customer will be provided a web address to establish a port connection to FlexServ service.

   d. (Obsoleted, See Section A132.)

A32. INTEGRATION PLUS MANAGEMENT SERVICES (IPMS)

A32.1 Integration Plus Management Services (IPMS) Description (Cont'd)

A32.1.2 Integration Plus Management Services Terminal Interface (Cont'd)

A. ***Terms and Conditions*** (Cont'd) (T)

4. Rates and Charges

	Installation Charge	Month to Month	24 to 48 Months	49 to 72[1] Months	73 to 96[1] Months	USOC
a. Web Interface for FlexServ Service						
(1) Web Access						
(a) Per Arrangement	**$125.00**	**$25.00**	**$18.75**	**$15.00**	**$12.50**	**DSLWE**

Note 1: Effective October 1, 2015, customers may not establish new term plans greater than 60 months, and existing term plans greater than 60 months may not be renewed or extended for a term greater than 60 months.

A32. INTEGRATION PLUS MANAGEMENT SERVICES (IPMS)

A32.1 Integration Plus Management Services (IPMS) Description (Cont'd)

A32.1.3 FlexServ Service

(DELETED) (D)

A. ***Terms and Conditions*** (T)

1. Basic FlexServ Service

The basic service includes monitoring and re-configuation of the customer's private line and local exchange services equipped with FlexServ service.

Monitoring consists of unsolicited signals of major and minor facility alarms. These alarms include carrier group alarms, out of service alarms, bit error rate, bipolar violations, slip errors, errored seconds, out-of-frame alarms and invalid connections. Invalid connections are connections between special access services without FlexServ service. Customer requests for such connections will be denied. The Company shall not be responsible for service interruptions, troubles, loss of customer data, or any other losses resulting from attempted invalid connections.

Re-configuration provides the customer with the ability to direct the Company to connect or disconnect circuits equipped with FlexServ service options to or from others of like kind at a central office or central offices where the customer has purchased the FlexServ service. Such connections and disconnections may be performed immediately or at a future time prescribed by the customer and are performed without direct interaction by Company personnel.

The customer is responsible for providing the terminal equipment required for access to FlexServ service.

The customer may transmit reconfiguration directions to or receive monitoring information from the Company over a switched dial service, a private line service or web access. There are several types of access to the service listed in A32.1.2 from which the customer may choose. Each FlexServ service customer must purchase at least one type of access. (T)

With the customer's initial order for basic FlexServ service, the Company provides the capability for one connection to the Company for the communication of monitoring and reconfiguration signals. This capability is referred to in this ***Guidebook*** as access to FlexServ service or "User Access". One customer identification code with password security is included with such access. (T)

With the customer's initial order, the Company provides one customer training class for up to five (5) persons. The class length of this initial training is two consecutive eight hour days. These training classes are conducted at a designated Company location. Transportation, lodging and food for the attendees will be the responsibility of the customer. If the customer desires for the initial training to be conducted on the customer's premises, then the customer is responsible for the transportation, lodging, and food for the trainer. In addition, the customer is responsible for having the appropriate equipment on his premises.

Reconfiguration and monitoring are not available during the performance of routine maintenance of the Company's facilities and equipment used to provide FlexServ service.

Different switching options may be available in the same central office. If customers desire more than one switching option in the same central office and facilities are available, a channel connection is required for each FlexServ service switching option connected.

The ***terms, conditions*** and rates specified herein are in addition to the applicable ***terms, conditions*** and rates specified in other sections of this ***Guidebook***. (T)

A32. INTEGRATION PLUS MANAGEMENT SERVICES (IPMS)

A32.1 Integration Plus Management Services (IPMS) Description (Cont'd)

A32.1.3 FlexServ Service (Cont'd)

A. ***Terms and Conditions*** (Cont'd) (T)

2. Customer Circuits

There are five (5) types of channel connections which can be connected to FlexServ service - DS0 (Single channel), DS1 (1.544 Mbps) digital circuits, DS3 (44.736 Mbps) digital circuits, SMARTRing service and STS-1 (51.84Mbps) digital circuits.

DS0 Channel Connections - There are two types of DS0 channel connections - Voice Grade and Digital. Both types of DS0 connections will be switched at a DS0 level.

DS1 Channel Connections - There are two types of connections available for a customer desiring to terminate a DS1 circuit - DS0 switching and DS1 switching. For example, if a customer needs to be able to monitor or reconfigure the 24 DS0 circuits riding on the DS1 channel, then the customer would purchase a DS1 channel connection with DS0 switching. If the customer does not need access to the individual DS0 circuits, then the customer would purchase a DS1 channel connection with DS1 switching.

DS3 Channel Connections - There are two types of connections available for terminating a DS3 circuit - DS0 switching and DS1 switching. If a customer needs monitoring or reconfiguration capability for 672 individual DS0 circuits, then the customer would purchase a DS3 channel connection with DS0 switching. If the customer only needs access to the 28 DS1 circuits, then the customer would purchase a DS3 channel connection with DS1 switching.

SMARTRing service Channel Connections - FlexServ service is available only with OC-3, OC-12, OC-48, OC-48+, OC-192 or OC-192+ SMARTRing service. There are two options available for SMARTRing service channel connections - Surveillance and Reconfiguration. Surveillance allows the customer to monitor the ring and retrieve performance monitoring data. Surveillance will be ordered on a per SMARTRing node basis. Customers who order Surveillance must order it for all nodes on the ring. Reconfiguration will allow the customer to reconfigure circuits associated with SMARTRing service channel interfaces and must be ordered on a per interface basis. Customers who order Reconfiguration must already be subscribing to Surveillance or be ordering Surveillance coincident with Reconfiguration. Reconfiguration may not be ordered without Surveillance. Within each STS-1 group, all activated interfaces must be optioned the same (either all Surveillance only or all Surveillance and Reconfiguration). A Service Establishment Charge for new customer account setup applies as well as a charge for a Security Card, which is required for web access of the Management Terminal Interface.

FlexServ service is available on the following SMARTRing service Overlay Ring Arrangements: (S=Surveillance and R=Reconfiguration)

OVERLAYING SMARTRing Service	HOST SMARTRing Service									
	OC-12		OC-48		OC-48+		OC-192		OC-192+	
	S	R	S	R	S	R	S	R	S	R
OC-3	X	X	X	X	X	X	X	X	X	X
OC-12			X	X	X	X	X	X	X	X
OC-48							X	X	X	X

On an Overlay Ring arrangement, Surveillance must be ordered for each node on both the host ring and the overlay ring.

3. Maintenance

Due to the nature of FlexServ service it may be necessary to perform preventive maintenance on the system. This will mean that the FlexServ service controller will be unavailable for circuit reconfiguration during these periods of time when maintenance is being performed. Any circuits which are working will continue in operation, only the reconfiguration capability will not be usable. It may also be necessary to periodically take the FlexServ service system out of service for software updates and other maintenance. In these cases the customers will be notified in advance as to the time and duration of these outages.

A32. INTEGRATION PLUS MANAGEMENT SERVICES (IPMS) (T)

A32.1 Integration Plus Management Services (IPMS) Description (Cont'd) (T)

A32.1.3 FlexServ Service (Cont'd) (T)

A. ***Terms and Conditions*** (Cont'd) (T)

4. Service Availability

   FlexServ service is furnished only in serving wire centers where facilities are available. (T)

5. Local and Interoffice Channels

   The Local and Interoffice Channels which are terminated into FlexServ service are provided out of this ***Guidebook*** and the Private Line ***Guidebook***, and are subject to all ***terms, conditions*** and charges contained in their respective ***guidebooks*** in addition to those contained herein. (T)

6. Local Exchange Services

   Local exchange services connecting to FlexServ service utilizing a voice grade DS0 channel connection are available with Network Access service located in Section A3. (T)

   Calls routed to Public Service Answering Positions for 911 emergency calls over services terminated in FlexServ service will result in incorrect address information being generated in an emergency situation. When local exchange type services terminate in FlexServ service, the customer has reconfiguration capability. Therefore the address on the customer record is the central office where the dial tone originates and terminates into FlexServ service. The Company will not be liable for any actions which occur as a result of emergency vehicles being dispatched to an incorrect address. (T)

   Customers are prohibited from using FlexServ service to cross-connect any services in any manner that would result in the misapplication of charges for any services provided by the Company. The Company may audit the use of service to assure compliance with this restriction. When the Company's audits reveal violations of this restriction, the Company will issue a written notice of ***guidebook*** violation to the customer. Continued violation after such notice will be grounds for termination of the FlexServ service 30 days after a second notice of ***guidebook*** violation. In such event, the customer will be responsible for payment of all nonrecurring charges associated with any required service rearrangements and for any termination charges resulting from such rearrangement. In addition, the customers will be responsible for payment of the charges avoided by such misuse of FlexServ service. If such charges cannot be precisely determined from the Company's records, they may be estimated based upon audit data for any period of time greater than seven days, average usage levels for the service by the customer or other customers, and the highest potentially applicable rates. (T)

A32. INTEGRATION PLUS MANAGEMENT SERVICES (IPMS) (T)

A32.1 Integration Plus Management Services (IPMS) Description (Cont'd) (T)

A32.1.3 FlexServ Service (Cont'd) (T)

A. ***Terms and Conditions*** (Cont'd) (T)

7. Security

FlexServ service employs a multilevel system to ensure the privacy of customer networks. To access the network controller, a customer must enter a log-in ID and password. Additional security is offered with access to the network controller via a private line. (T)

8. Shared FlexServ Service Arrangement (T)

The customer may include circuits with FlexServ service purchased from this ***Guidebook*** in the same FlexServ service arrangement with interexchange carriers who have purchased FlexServ service for use in connection with special access services used to provide interLATA service to the customer. (A FlexServ service arrangement consists of all special access services and private line services that can be monitored and reconfigured through the same User Access.) (T)

The customer must be authorized to represent the interexchange carrier(s) in all transactions and communications with the Company regarding the shared FlexServ service arrangement or circuits included in that arrangement including reconfigurations, monitoring, ordering of additional special access services and private line services in the arrangement and removal of special access services and private line services from the arrangement. The Company will not process any orders or requests affecting that arrangement or circuits included in that arrangement except those submitted to the Company by the customer. (T)

The Company will not be liable for any loss to any of the interexchange carriers in a shared FlexServ service arrangement caused directly or indirectly by actions of the customer. Each interexchange carrier in the shared arrangement and the customer indemnify the Company for the costs of any and all claims arising directly or indirectly out of the actions of the customer or any interexchange carrier in the shared arrangement, including, but not limited to, the cost of defending against such claims. (T)

Any interexchange carrier in a shared FlexServ service arrangement must give the Company 30 days prior written notice of his intent to revoke the customer's authority or to remove his special access services from a shared arrangement. Such notice shall not be effective unless it provides the Company with specific and sufficient directions regarding treatment of the interexchange carrier's special access services upon revocation of the customer's authority or removal from the shared arrangement. (T)

B. Definitions

CHANNEL

A channel is a dedicated or switched service purchased from the appropriate ***Guidebook*** and terminated on the FlexServ service reconfiguration equipment. It is the communications path that the FlexServ service reconfiguration equipment cross connects to another communications path. (T)

DS0

"DS0" refers to a North American hierarchy of Digital Signal levels. It means Digital Signal level 0 which is a 64 Kbps signal. The required D4 format is found in Technical Reference #73501. A copy may be obtained by writing Documentation Operations, 3535 Colonnade Parkway, North Building, Birmingham, Alabama 35243. (T)

A32. INTEGRATION PLUS MANAGEMENT SERVICES (IPMS) (T)

A32.1 Integration Plus Management Services (IPMS) Description (Cont'd) (T)

A32.1.3 FlexServ Service (Cont'd) (T)

B. Definitions (Cont'd)

DS1

"DS1" refers to a North American hierarchy of Digital Signal levels. It means Digital Signal level 1 which is a 1.544 Mbps signal. The required D4 format is found in Technical Reference #73501. A copy may be obtained by writing Documentation Operations, 3535 Colonnade Parkway, North Building, Birmingham, Alabama 35243. (T)

DS3

The term DS3 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 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)

C. Options

1. Additional Concurrent User Access: This option provides the customer the ability to establish additional concurrent connections to the Company for the communication of monitoring and reconfiguration signals. One additional customer identification code is provided with each additional User Access. For each Additional Concurrent User Access ordered, the customer must also order an additional Management Terminal Interface from A32.1.2. (T)
2. Additional User Identification Codes: This option provides customer identification codes in addition to that provided with each User Access. If the customer has ordered a Dial or Web Interface, then the customer must also order an additional Security Card from A32.1.2. (T)
3. Additional Customer Training: This option provides one eight hour day of customer training in addition to that included with basic FlexServ service. These training classes are conducted at a designated Company location. Transportation, lodging and food for the attendees will be the responsibility of the customer. If the customer desires the additional training be provided on the customer's premises, then the customer will provide transportation, lodging, and food for the trainer. (T)
4. Multipoint Bridging: Multipoint Bridging is a capability which permits the cross connection of multiple channels equipped with FlexServ service. (T)
   a. Multipoint Bridging, sometimes referred to as "DMB", is an option on voice grade service that allows the customer the capability to perform reconfigurations that cross-connect or bridge three or more channels in the FlexServ service arrangement into one conferencing arrangement. (T)
   b. Multipoint Junction Unit option gives the customer the ability to bridge one master and four patron legs for use with SynchroNet service. If more than one MJU is required, one of the four patron legs must be used to connect to the master leg of another MJU. The customer is responsible for this connection. The MJU feature is only offered in a unit of five channel connections (one master and 4 legs). (T)
5. Sub-rate Reconfiguration Capability is an option that provides the customer the ability to control all ports of a sub-rate multiplexer within a FlexServ service arrangement. This control includes both the DS0B channel and DS0A legs. The speeds for sub-rates are 2.4, 4.8, and 9.6 Kbps (does not include 19.2 Kbps). The customer has the responsibility to establish a sub-rate system using previously acquired DS0 ports. (T)
6. Reconfigurations by Company Personnel: The customer may request that Company personnel perform reconfigurations that the customer would otherwise perform without the direct interaction with Company personnel.

A32. INTEGRATION PLUS MANAGEMENT SERVICES (IPMS) (T)

A32.1 Integration Plus Management Services (IPMS) Description (Cont'd) (T)

A32.1.3 FlexServ Service (Cont'd) (T)

D. Rate Element Description

1. Application of Rates

a. Connection of voice grade, digital service channels and DS1 and DS3 level private line services to Reconfiguration and Monitoring Capability requires a nonrecurring connection charge and a monthly rate for each entrance and exit of these services.

The charges associated with the DS0 level connection includes a cost for the required channelization of this connection.

b. Options

(1) Additional Concurrent User Access

For each additional User Access a nonrecurring charge and a monthly rate applies.

(2) Additional User Identification Codes

A nonrecurring charge applies for each additional ID requested.

(3) Additional Customer Training

Any additional training will incur a nonrecurring charge for each eight (8) hour day of training.

(4) Multipoint Bridging

Multipoint Bridging (DMB)

There will be a nonrecurring charge and a monthly rate for each DS0 or equivalent that is equipped with this capability.

Multipoint Junction Unit

A nonrecurring charge and a monthly rate applies for each DS0 or equivalent that is equipped with this capability. This option must be purchased in groups of 5 because a unit has the capacity of 5 DS0 or equivalent channel connections.

(5) Sub-rate Reconfiguration

There will be a nonrecurring charge for each DS0 equipped DS0B and a nonrecurring charge and a monthly rate will apply for each set of DS0As. The DS0A rates apply in sets of five for 9.6 Kbps, in sets of ten for 4.8 Kbps, and in sets of twenty for 2.4 Kbps.

(6) Reconfigurations

A nonrecurring charge is applicable on each occasion, when the customer requests the Company personnel to perform a reconfiguration or a series of reconfigurations in order to set up point-to-point or multipoint connections, to provide a status report or to establish a conference.

A32. INTEGRATION PLUS MANAGEMENT SERVICES (IPMS)

A32.1 Integration Plus Management Services (IPMS) Description (Cont'd)

A32.1.3 FlexServ Service (Cont'd)

D. Rate Element Description (Cont'd)

2. Rates and Charges (Cont'd)

c. FlexServ Service Options (Cont'd)

	Installation Charge	Month to Month	24 to 48 Months	49 to 72[2] Months	73 to 96[2] Months	USOC
(4) Multipoint Bridging						
(a) Voice Grade Connections Per Bridging Leg	**$20.00**	**$5.00**	**$4.50**	**$4.40**	**$4.30**	**FSSFM**
(b) Multipoint Junction Unit Per 2.4, 4.8, 9.6 or 56 Kbps channel connection[1]	**15.00**	**6.00**	**5.25**	**5.00**	**4.75**	**FSSFJ**
(c) Multipoint Junction Unit Per 19.2 Kbps channel connection[1]	**15.00**	**9.45**	**8.90**	**8.40**	**7.90**	**FSSF9**
(5) Subrate Reconfiguration Capability						
(a) Per DS0 Equipped (DS0B)	**45.00**	**-**	**-**	**-**	**-**	**DSLSB**
(b) Per DS0A 9.6 Kbps, requires 5	**5.00**	**8.75**	**8.15**	**7.60**	**7.20**	**DSLS9**
(c) Per DS0A 4.8 Kbps, requires 10	**5.00**	**7.40**	**6.80**	**6.30**	**5.95**	**DSLS4**
(d) Per DS0A 2.4 Kbps, requires 20	**5.00**	**7.00**	**6.45**	**5.95**	**5.60**	**DSLS2**

(6) Reconfiguration by Company Personnel, Request for Company to perform reconfiguration activity

	Nonrecurring Charge	USOC
(a) Per Request	**$25.00**	**FSSRA**

A32.1.4 Network Usage Information Service

A. ***Terms and Conditions*** (T)

1. The rates in paragraph C are in addition to all other applicable rates required to provide these services.
2. The Service Charge found in Section A4 is applicable in addition to other rates and charges identified for this service.
3. Network Usage Information Service will be available where facilities and technology permit.
4. Where applicable, the customer is responsible for providing compatible premises equipment and software.

Note 1: One unit contains 5 connections so must purchase in groups of five.

Note 2: Effective October 1, 2015, customers may not establish new term plans greater than 60 months, and existing term plans greater than 60 months may not be renewed or extended for a term greater than 60 months.

A32. INTEGRATION PLUS MANAGEMENT SERVICES (IPMS) (T)

A32.1 Integration Plus Management Services (IPMS) Description (Cont'd) (T)

A32.1.4 Network Usage Information Service (Cont'd)

A. ***Terms and Conditions*** (Cont'd) (T)

5. Charges are applicable for all Traffic Reports requested by and provided to the customer. A Traffic Report is done on a per measurement ID (i.e. Trunk Groups, Simulated Facility Groups, Single Line Usage as typical). A Service Establishment Charge and Port Connection Charge are not applicable. When a Traffic Report is requested by the customer, a study time will be determined based on availability of equipment utilized for this offering. The offering is provided on a per-report basis and will consist of a one-week analysis of the customer's central office based facilities.
6. Suspension of service is not allowed.
7. During collection or distribution of the customer's SMDR or Traffic Data, if data is destroyed, the Company shall not be liable.
8. The service SMD-P is not designed to be used as a billing system.
9. Customer billing for the usage plans as outlined in paragraph C.5 will be determined on a monthly basis.

B. Definitions

OUT DIAL/SHARED PORT CONNECTION

Out Dial/Shared Connection enables the processor to dial the customer via a shared port and down load the data to a software/hardware platform on the customer's premises.

DEDICATED PORT CONNECTION

Dedicated Port Connection is a dedicated port on the Network Usage Information Service processor that provides service to the customer's premises on a dedicated Private Line.

STATION MESSAGE DETAIL - PREMISES

Station Message Detail - Premises refers to the function that provides Centrex Type Services and Digital Electronic Tandem Switching service call record detail data to the customer's premises.

TRAFFIC REPORTS

Traffic Reports refers to the function that provides periodic reports of usage/peg count/overflow measurements for Network Access Registers (NARs), Trunk Groups, Multi-Line Hunt Groups, Subscriber Line Measurements, Customer Facilities Groups and Attendant Consoles. These reports vary based on central office types and equipment availability.

C. Rates and Charges

1. Service Establishment

	Installation Charge	Month to Month	24 to 48 Months	49 to 72[1] Months	73 to 96[1] Months	USOC
(a) Per Customer Database	**$250.00**	**$-**	**$-**	**$-**	**$-**	**NU1AA**

Note 1: Effective October 1, 2015, customers may not establish new term plans greater than 60 months, and existing term plans greater than 60 months may not be renewed or extended for a term greater than 60 months.

A32. INTEGRATION PLUS MANAGEMENT SERVICES (IPMS) (T)

A32.1 Integration Plus Management Services (IPMS) Description (Cont'd) (T)

A32.1.4 Network Usage Information Service (Cont'd)

C. Rates and Charges (Cont'd)

	Installation Charge	Month to Month	24 to 48 Months	49 to 72[4] Months	73 to 96[4] Months	USOC
2. Port Connection, Per Connection Capability						
(a) Out Dial/Shared Connection	$200.00	$ 88.00	$ 80.00	$ 75.00	$ 70.00	NU1AB
(b) Dedicated Connection[1]	500.00	144.00	131.00	123.00	115.00	NU1AC
3. Station Message Detail - Premises[2]						
(a) Per System	250.00	-	-	-	-	NU1AG

	Charge	USOC
4. Station Message Detail - Premises, Usage Plans[3]		
a. Message Usage Levels		
(1) 1 - 100,000		
(a) Per Two (2) Messages	$ .01	NU1AE
(2) 100,001 - 300,000		
(a) Per Four (4) Messages	.01	NU1AE
(3) 300,001 - 500,000		
(a) Per Six (6) Messages	.01	NU1AE
(4) 500,001 and above		
(a) Per Eight (8) Messages	.01	NU1AE
5. Traffic Reports		
(a) Per Measurement ID, Per Report	20.00	NU1AF

Note 1: The dedicated port connection is accessed via a private line. The customer may purchase an asynchronous analog private line from Section B7 of the Private Line Guidebook or a digital private line from Section B7. of the Private Line Guidebook.

Note 2: The customer must subscribe to SMDR from Section**s** A12 and A112.

Note 3: If the total number of messages equate to an uneven number, it will be rounded downward.

Note 4: Effective October 1, 2015, customers may not establish new term plans greater than 60 months, and existing term plans greater than 60 months may not be renewed or extended for a term greater than 60 months.

A34. ADVANCED INTELLIGENT NETWORK (AIN) SERVICES

CONTENTS

A34. ADVANCED INTELLIGENT NETWORK (AIN) SERVICES

A34.1 Service Management System (SMS) Storage

A34.1.1 Description of Service

A. Service Management System (SMS) Storage is utilized for storing subscription versions of data and report information for Advanced Intelligent Network (AIN) services. Multiple configurations of subscription data may be kept on file in SMS Storage and may be activated or changed by customer request.

A34.1.2 Definitions

ADVANCED INTELLIGENT NETWORK (AIN)

The Advanced Intelligent Network (AIN) is an evolutionary telecommunications platform that utilizes the infrastructure of the existing switch-based network and Common Channel Signaling System 7 (CCS7) architecture. The AIN architecture introduces centralized computer devices to host service applications that are integrated with Stored Program Control switch resident software, CCS7 and ISDN protocol.

SERVICE MANAGEMENT SYSTEM

The Service Management System (SMS) is an AIN Operation Support System that distributes, interfaces and manages the AIN service applications and customer information resident in AIN Service Control Points and Service Nodes. The SMS provides the capability to provision AIN services, to maintain existing services and to obtain pertinent AIN reports.

A34.1.3 *Terms and Conditions* (T)

A. SMS Storage is available where facilities or arrangements permit.

B. Except as noted, SMS Storage is subject to all general ***terms and conditions*** applicable to the provisioning of service by the Company as stated in Section A2. (T)

C. Suspension of Service, as specified in Section A2, is not applicable for SMS Storage.

A34.1.4 Application of Rates

A. Storage charges apply to the amount of storage, measured in units of 100 Kbytes[1], occupied by a customer's files in the SMS. Storage will be measured on a calendar month and charges for the month will be based on the customer's highest level of storage during the month. For purposes of billing, a partial unit of storage will be rounded up to the nearest unit.

A34.1.5 Rates and Charges

A. Rate Elements

1. Storage

	Charge	USOC
(a) Per Unit	**$1.00**	**NA**

A34.2 (DELETED) (M)

A34.3 (DELETED) (M)

A34.4 (DELETED)

Note 1: A Kbyte is equal to 1024 bytes.

Pages 2 through 8.1.2 are hereby deleted in their entirety and removed from this Guidebook. (N)

A34. ADVANCED INTELLIGENT NETWORK (AIN) SERVICES

A34.5 CrisisLink Service (T)

A34.5.1 General

A. CrisisLink service allows the subscriber to establish predetermined alternate routing plans for incoming voice and data traffic. (T)
CrisisLink service can be used as a disaster recovery service. The alternate routing plan is created by the subscriber working with a Company representative at the time the CrisisLink service is established. The subscriber's alternate routing plan may:

- Route incoming calls to an announcement
- Route incoming calls to an single Backup Number
- Route incoming calls to multiple Backup Numbers according to subscriber-defined percentage allocation
- Route incoming calls to either an announcement or a Backup Number on a percentage basis

The plan is then loaded into the AIN Service Management System (SMS) where it remains dormant until activated.
The CrisisLink subscriber must contact the Company to activate the alternate routing plan. This will route traffic to numbers preselected by the CrisisLink subscriber. (T)
The CrisisLink subscriber may make changes to the routing plan at the time activation is requested. The subscriber may change the numbers to which the calls are to be routed and the percentages of calls to be routed to other numbers. The subscriber cannot request activation on additional numbers to be redirected at that time. (T)
In order to restore the original call routing, the subscriber must contact the Company to deactivate the alternate routing plan. Any changes made to the routing plan at the time the plan was activated will not be retained.
The plan may be updated and changed on a permanent basis by the CrisisLink subscriber at any time that the plan is not activated. (T)

B. The subscriber must establish a CrisisLink routing plan for each location included in his serving arrangement for which traffic is to be rerouted. (T)

C. CrisisLink test call capability allows a subscriber whose CrisisLink routing plan has been activated, to place a call to test the operation of the subscriber's normal service. In this manner, the subscriber may test his facilities before initiating recovery. (T)

D. The CrisisLink subscriber is required to specify a Callback Number and Verification Party Name(s) which will be used by the Company representative receiving a request to activate, deactivate, or modify a subscriber's CrisisLink service to verify a request. (T)

A34. ADVANCED INTELLIGENT NETWORK (AIN) SERVICES

A34.5 CrisisLink Service (Cont'd) (T)

A34.5.2 Definitions

ARRANGEMENT

A CrisisLink serving arrangement consists of one or more routing plans that have been identified by the subscriber. (T)

ROUTING PLAN

A CrisisLink routing plan is the alternate call routing plan established by the subscriber that can be activated at the subscriber's request. (T)

REDIRECTED NUMBER

A redirected number is any subscriber number included in the CrisisLink plan for which incoming calls will be rerouted when the plan is activated. (T)

A34.5.3 *Terms and Conditions* (T)

A. CrisisLink service is available where facilities or arrangements permit. (T)

B. A subscriber may identify up to three (3) Backup Numbers for each CrisisLink service plan. (T)

C. During a CrisisLink activation, a subscriber may request the following changes to his routing plan and these changes will be performed at no additional charge: (T)

- Change Backup Numbers
- Add Backup Numbers up to a total of three
- Turn test call capability on or off
- Rearrange the distribution of calls

D. Limitations and use of service as stated in Section A2 will apply. (T)

E. Toll charges or switched access charges will apply for each call rerouted to a subscriber location not included in the same local calling area as the original subscriber location.

F. The CrisisLink subscriber must identify an Interexchange Carrier (IC) for any traffic routed to an out of LATA location. (T)

G. Suspension of Service as covered in Section A2 is not applicable for this service. (T)

H. A twelve month minimum service period is required. Subscribers who prematurely disconnect will incur termination charges.

I. A maximum of ten (10) Redirected Numbers can be included in a CrisisLink plan. The subscriber may establish multiple plans per location if more than ten Redirected Numbers are required for the subscriber's arrangement at a location. (T)

J. Each of the CrisisLink subscriber's Redirected Numbers must reside in a Company central office. (T)

K. The CrisisLink subscriber must subscribe to adequate exchange facilities to transport the calls routed to the alternate routing locations. (T)

L. The activated CrisisLink service will remain active until the CrisisLink subscriber requests to have original call routing restored. (T)

A34.5.4 Limitation of Liability

A. CrisisLink is intended to allow a subscriber to reroute incoming calls. It may provide help during some network affecting problems, such as a cut cable between the end office and the subscriber's location. However, the Company does not guarantee the availability or reliability of CrisisLink in the event of a network affecting disaster. In the event of a network affecting disaster, CrisisLink may function normally, may not function at all, or it may function unpredictably depending on what part of the network is affected and how serious the affect is. (T)

A34. ADVANCED INTELLIGENT NETWORK (AIN) SERVICES

A34.5 CrisisLink Service (Cont'd) (T)

A34.5.4 Limitation of Liability (Cont'd)

B. Activation of subscriber plans will be performed on a first come, first served basis. When the subscriber requests that CrisisLink be activated, every effort will be made to activate the service as rapidly as possible. However, the length of the delay between the time that the CrisisLink subscriber requests activation and the time that activation actually occurs depends on a number of factors including the number of other CrisisLink activations being processed when a particular request is received as well as the network load at the time the CrisisLink activation command is received. In the case of an area-wide crisis, if many subscribers call at the same time to request service activation, those calling last may have a considerably longer waiting period for activation to be completed. As a result, no representation is made as to the length of time it will take to implement a particular activation request. (T)

C. In no event shall the Company, nor its agents, be liable for any losses or damages of any kind resulting from the unavailability of its equipment or facilities or for any act, omission, or failure of performance by the Company, or its employees, or agents, in connection with this ***Guidebook***. Neither the Company, nor its agents, shall be responsible for calls that cannot be completed as a result of repair or maintenance difficulties on Company facilities and equipment, nor on equipment owned or leased by the subscriber. (T)

D. Neither the Company, nor its agents, assume liability for any loss of revenues, increased costs, expenses, liabilities, or inconvenience experienced by the subscriber due to any unsatisfactory performance of CrisisLink. Further, neither the Company, nor its agents, shall assume any liability for consequential, indirect or incidental damages. (T)

A34.5.5 Restrictions

A. A CrisisLink alternate routing number can not be a subscriber Redirected Number in another active routing plan within the LATA. (T)

A34.5.6 Rates and Charges

A. Application of Rates

1. The CrisisLink service Nonrecurring Charge and Monthly Rate apply for each CrisisLink plan established by the subscriber. The charges for the First Plan will apply for the first plan established per subscriber location. The charges for Each Additional Plan will apply for all other plans established per subscriber location. One Redirected Number per plan is included in these charges. (T)
2. A volume discount may apply to CrisisLink service subscribers with multiple locations. This volume discount will apply to the CrisisLink service Nonrecurring Charge for the First Plan, for each location where CrisisLink service is established, if the subscriber signs a contract to commit to a specific number of locations. A non-36-month contract CrisisLink service subscriber will be allowed a grace period of 6 months to attain the committed number of locations; a 36-month contract CrisisLink service subscriber will be allowed a grace period of 12 months. If the contracted number of locations is not realized, the subscriber will be required to pay the appropriate nonrecurring Charge for the number of locations provisioned with CrisisLink service. Also, if a CrisisLink service subscriber commits to a specific number of locations, and later commits to an additional number of locations which results in a lower Nonrecurring Charge, no credit will apply to the nonrecurring Charge paid for subscriber locations previously activated. (T)
3. The CrisisLink Redirected Number Nonrecurring Charge and Monthly Rate apply for each additional Redirected Number included in a routing plan. (T)
4. A discounted monthly rate per CrisisLink Plan and per Redirected Number may apply if the subscriber signs a 36-month contract for the service. Contract-rate subscribers who terminate prior to the expiration of the 36-month contract period will incur termination charges. (T)

   For term plans entered into on or after April 3, 2001, a customer's liability for the termination of service prior to the time the customer's obligations under the term plan would have otherwise been satisfied are set forth in ***paragraph*** A2.4.10.E. (T)
5. The Plan Update Charge applies to subscriber-initiated changes to a plan. This charge does not apply to changes that are allowed during the time a plan is active.
6. The CrisisLink Per Call charge applies to each call rerouted during the time the alternate routing plan is active. (T)
7. Charges in Section A4 will not apply. (T)

A34. ADVANCED INTELLIGENT NETWORK (AIN) SERVICES

A34.5 CrisisLink Service (Cont'd) (T)

A34.5.6 Rates and Charges (Cont'd)

B. Rates

		Nonrecurring Charge	Monthly Rate	36-Month[1] Rate	USOC	
1.	CrisisLink service, per subscriber location					(T)
	(a) First Plan	**$750.00**	**$85.00**	**$65.00**	**CLSEX**	
2.	CrisisLink service Volume Discounts, per subscriber location, per First Plan[2]					(T)
	(a) 21 - 40 subscriber locations	**675.00**	**85.00**	**65.00**	**CLSVA**	
	(b) 41 - 100 subscriber locations	**600.00**	**85.00**	**65.00**	**CLSVB**	
	(c) More than 100 subscriber locations	**500.00**	**85.00**	**65.00**	**CLSVC**	
3.	CrisisLink service, per subscriber location					(T)
	(a) Each Additional Plan	**450.00**	**85.00**	**65.00**	**CLSCX**	
4.	CrisisLink Redirected Number					(T)
	(a) Each additional Redirected Number	**15.00**	**7.00**	**5.00**	**CLSTA**	
5.	Plan Update					
	(a) Per Plan		**170.00**	**-**	**CLSPX**	
6.	Per Call					
			Rate			
	(a) Each		**$.10**		**NA**	

Note 1: Application of these rates requires a 36-month contract for the service.

Note 2: Application of these rates requires a signed commitment from the subscriber.

Pages 12 through 14 are hereby deleted in their entirety and removed from this Guidebook. (N)

A35. INTERCONNECTION OF MOBILE SERVICES

CONTENTS

Note 1: COMMON CHANNEL SIGNALING IS-41 AND ISDNUP MESSAGE TRANSPORT SERVICES: See section E6 of the Access Services Tariff for CCS7 Signaling Connections, CCS7 Signaling Terminations and CCS7 Access Arrangement Usage.

A35. INTERCONNECTION OF MOBILE SERVICES

A35.1 Interconnection Services for Mobile Service Providers (MSP's)

A35.1.1 General

A. The services offered herein are for use by Mobile Service Providers (MSP's) to allow interconnection of the wireless or radio network of these carriers to that part of the Public Switched Network (PSN) owned and operated by the Company. MSPs are commercial mobile radio services (CMRS) providers operating under authority of the FCC, as defined in the FCC Rules and Regulations, Part 20. The term MSP shall also include authorized resellers of CMRS and prospective CMRS providers who have been declared spectrum auction winners by the FCC. Circuits furnished by the Company to Mobile Service Providers (MSP's) which do not connect to the PSN, such as radio transmitter control links, are not covered in this ***Guidebook***. (T)

B. Except as noted, services provided in this Section are subject to all general ***terms and conditions*** applicable to the provision of service by the Company as stated in Section A2. (T)

C. The services provided under this ***Guidebook*** shall be used by the MSP only for the handling of traffic originating or terminating on the MSP's network in conjunction with its authorized services. (T)

D. The services provided by the Company shall not be connected together by the MSP, except on an ancillary basis such as call forwarding, for the purpose of completing a call from one landline telephone to another landline telephone.

E. DS1 Service

1. The price for a digital trunk termination used in providing DS1 service for twenty-four voice equivalent channel increments contemplates the termination of all twenty-four channels at the same Company switch and at the same physical location at the Company switch. When the mixing of services on the same DS1 does not meet these requirements, the rates and charges for less than twenty-four voice equivalent channels are applicable.
2. The mixing of "line side" and "trunk side" services on the same DS1 is considered to be terminating service at two different physical locations at the Company switch. CMRS Local Loop Lines, one-way outward CMRS Local Loop Trunks, and two-way CMRS Local Loop Trunks are "line side" connections to the Company switch. One-way inward CMRS Local Loop Trunks, CMRS Type 1, CMRS Type 2A, CMRS Type 2B, and 800/DID Service Access trunks are considered "trunk side" connections to the Company switch. (T)
3. Because CMRS Type 1 and CMRS Type 2A terminate at different physical locations at a Company switch, then the mixing of these services on the same DS1 requires that the rates for less than twenty-four voice equivalent channels be applied. (T)

F. Service Installation Guarantee

1. The company assures that orders for services will be installed and available for customer use no later than the end of normal business hours on the Service Date which is the negotiated date that service is to be made available to the MSP. This Service Installation Guarantee will be in effect for Service Dates negotiated on or after June 20, 1996 and is applicable only to services specified in A35.1 and A35.3.
2. 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 MSP's bill. The credit will include only nonrecurring charges associated with the services rated in A35.1 and A35.3 for which nonrecurring charges are applicable and listed. 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)
3. For Service Installation Guarantee to apply to the establishment of a dedicated NXX or the subsequent movement of that NXX, the MSP must define the related trunking information necessary to successfully complete an end-to-end test. The MSP must associate the dedicated NXX with an existing active trunk group (two-way or one-way inward) or must establish a new trunk group (two-way or one-way inward) to associate with the dedicated NXX. If a new trunk group is established for this purpose, it must be activated ten days prior to the Service Date of the new or relocated dedicated NXX.

A35. INTERCONNECTION OF MOBILE SERVICES

A35.1 Interconnection Services for Mobile Service Providers (MSP's) (Cont'd)

A35.1.1 General (Cont'd)

F. Service Installation Guarantee (Cont'd)

4. Service Installation Guarantees do not apply:
   a. when failure to meet the Service Date occurs because of:
      (1) any act or omission of this MSP, any other MSP or any third party, or of any other entity providing a portion of a service,
      (2) labor difficulties, governmental orders, civil commotions, criminal actions against the Company, acts of God, war or other circumstances beyond the Company's control,
      (3) unavailability of the customers facilities and/or equipment
   b. to service requiring Special Construction as set forth in Section A5, ***or*** (T)
   c. (**DELETED)** (T)
   d. when alternate arrangements for SS7 signaling links are utilized.

   In addition, Service Installation Guarantee will not apply during a declared National Emergency.

G. Other Associated Terms, Rates and Conditions

1. These services are offered at the rates specified herein from central offices where necessary service options are available.
2. The rates contained in this offering contemplate the use of standard serving arrangements normally provided by the Company. (T)
3. MegaLink service, MegaLink Light service, MegaLink channel service, and LightGate service from Section B7 of the Private Line Guidebook are used to rate certain portions of DS1 service offered under this guidebook. The terms and conditions which apply for those services apply here, except that the month to month rates for MegaLink channel service, as specified in B7.3 of the Private Line Guidebook may be applied without the MSP fulfilling any minimum contract period. However, a minimum initial service period may apply for DS1 services, as specified in Section B7 of the Private Line Guidebook for MegaLink, MegaLink Light or LightGate services.
4. Directory listings for MSP's are provided in accordance with ***terms, conditions*** and rates found in Section A6. (T)
5. Clients of the MSP may be provided directory listings as specified in A6.6.2, Business Additional Listing.
6. Charges for Operator Assisted Local Call Service and Local Operator Verification/Interruption Service as defined in Section A3 are applicable and will be individually itemized on the MSP's bill.
7. Charges for IntraLATA Long Distance Operator Verification/Interruption Service as defined in Section A18 are applicable and will be individually itemized on the MSP's bill.
8. When the MSP wants to prohibit third number and collect calls to mobile numbers, Billed Number Screening is available upon request. Certain calls cannot be screened, including but not limited to calls handled by independent Company (ICO) operators, Maritime, Air-to-Ground, and International calls, or calls handled by companies that do not subscribe to the data base where toll billing exception data is stored. The MSP is, however, responsible for the charges for these calls.
9. The appropriate service charges in Section A4 apply to the establishment and rearrangement of service provided under this section. In addition, the nonrecurring charges specified in A35.1.6 shall apply for connection of service or rearrangements.

A35. INTERCONNECTION OF MOBILE SERVICES

A35.1 Interconnection Services for Mobile Service Providers (MSP's) (Cont'd)

A35.1.1 General (Cont'd)

G. Other Associated Terms, Rates and Conditions (Cont'd)

10. Billing disputes must be communicated to the Company in writing within 30 days from the billing date. The Company will make every effort to investigate such disputes and reconcile any differences within 30 days from receipt of such notification. If the billing amount is found to be correct, a late payment charge may be applicable, per Section A2. (T)

H. Usage Charges for Mobile Originating Traffic

1. Usage charges apply to mobile originated calls, 1) terminating within the local calling area (LCA), and 2) inter-LCA/intraLATA calls terminating within the franchised serving area of the Company.
2. Usage charges will not apply to calls to Company Business Offices, Directory Assistance, E911 Emergency Service, or operator assisted and other services for which a charge or surcharge already applies.
3. The usage rates developed for mobile originating traffic, as referenced in ***paragraph*** 1 were developed using traffic mixes negotiated with Cellular industry representatives and rate elements from existing ***guidebooks***. (T)

I. Optional Land-to-Mobile (LTM) Calling Plan

1. An optional Land-to-Mobile (LTM) calling plan is available to the MSP's. The LTM option allows intraLATA toll calls and calls which terminate outside the limited local calling area but within the full local calling area of the originating caller's wire center from numbers served by the Company and terminating in the MSP network to be excluded from the originating customer's bill. The limited local calling area and full local calling area are defined in A3.6. Land line calls rated as local and within the limited Local Calling Area, as described in A3.6, are not covered by this plan. The MSP will pay a usage charge per ***paragraph*** A35.1.6.C.3, in lieu of charges which would have been applicable to the originating user. (T)
2. (DELETED)
3. Usage for LTM is billed by rounding each call to the next 1/10 minute, summing the time for all calls during the billing period, multiplying by the rate per minute (as specified in ***paragraph*** A35.1.6.C.3.), and rounding the result to the nearest whole cent. A minimum average time requirement (MATR) of 30 seconds is applicable. That is, if the average time per call for a billing period is less than 30 seconds, the usage will be computed as if all calls were 30 seconds in length. (T)

J. Optional Selective Exchange LTM Calling Plan

1. This optional plan allows IntraLATA toll calls and calls which terminate outside the limited local calling area but within the full local calling area of the originating caller's wire center from numbers in the selected exchanges served by the Company and terminating in the MSP network to be excluded from the originating customer's bill. The limited local calling area and full local calling area are defined in A3.6. Land line calls rated as local and within the limited Local Calling Area, as described in A3.6, are not covered by this plan. The MSP will pay the charges set forth in ***paragraph*** A35.1.6.C.4, in lieu of charges which would have been applicable to the originating user. (T)

K. Usage Charges - Miscellaneous

1. When the Company relies on data supplied by the MSP to prepare and render a bill to the MSP, a right of audit by the Company is reserved. The audit of the call records shall be performed by an independent third party at the Company's discretion, but no more than annually. If the reported traffic is found to be understated by more than five percent, the MSP shall reimburse the Company for the reasonable cost of the audit.
2. All usage charges (except Land-to-Mobile Option) are billed by rounding each call to the next whole minute.

A35. INTERCONNECTION OF MOBILE SERVICES

A35.1 Interconnection Services for Mobile Service Providers (MSP's) (Cont'd)

A35.1.1 General (Cont'd)

K. Usage Charges - Miscellaneous (Cont'd)

3. In cases where the Company cannot measure usage, the MSP will be required to provide usage monthly in a Company prescribed format, fifteen (15) calendar days from the close of the billing period, to be used for bill preparation. In cases where the MSP cannot measure usage but can supply the number of messages, the Company may apply a per message rate equal to 2.3 minutes times the applicable usage rate per minute. In cases where neither the Company nor the MSP can measure, an assumed number of 3300 messages per trunk per month at 2.3 minutes per message will be used for billing purposes.

L. Assignment of Numbers and NXX Codes

1. When a new dedicated NXX is assigned, if the NXX will reside at the MSP's Point of Presence (POP), at least one number from that NXX must terminate in a milliwatt test line (Technical Reference: ANSI TL.207-1989), to be used for test purposes. When a dedicated NXX is assigned for CMRS Type 1 service, then the NXX resides in the Company end office, in which case the Company will terminate on an MSP selected number in a milliwatt test line. (T)
2. The MSP will provide the Company with both the name of the desired designated exchange and the V&H coordinates for each dedicated NXX established with a CMRS Type 2A/Type 2A-SS7 interconnection. If the desired designated exchange for the dedicated NXX is different than the exchange where the MSP's CMRS Type 2A/Type 2A-SS7 interconnection exists, it is called a virtual designated exchange. A virtual designated exchange is only allowed when the chosen designated exchange meets the following criteria: (T)
   a. Is a company exchange
   b. Is in the same LATA as the MSP's point of interconnection
   c. Is billed from the same Regional Accounting Office (RAO) as MSP's interconnection
   d. Is located within the NPA's geographic area
   e Is in a different limited local calling area than the exchange where the MSP's interconncetion exists.
3. The MSP may move an existing dedicated NXX that resides in a Company end office to the MSP's Point of Presence (POP) within the same LATA. A CMRS Type 2A/Type 2A-SS7 interconnection must exist at the POP. Both locations must be served by the same tandem. (T)

M. Miscellaneous Information - Type of Interconnection Service

1. Interconnection services are designated as CMRS Local Loop Lines, CMRS Local Loop Trunks, CMRS Type 1 circuits, CMRS Type 2A circuits and CMRS Type 2B circuits. Details of CMRS Type 1, CMRS Type 2A and CMRS 2B service types can be found in Bellcore documents, TR-NPL-000145, Compatibility Information for Interconnection of a CMC and a LEC Network, and TR-EOP-000352, CMC Interconnection Transmission Plans. Other pertinent reference material can be found in Bell System Publication 43303, Bell System Public Switched Telephone Service Interconnection Criteria for Domestic Public Land Mobile Service, Domestic Cellular Telecommunications Service and Maritime Radio Service, and Bell System Publication 61100, Description of the Analog Voiceband Interface between the Bell System Local Exchange Line and Terminal Equipment. The MSP shall comply with the technical specifications and call protocols, including Special Information Tones and user announcements, as set forth in these documents or revisions as approved by the Company. (T)
2. The MSP shall provide a voice intercept announcement or distinctive tone signals to the calling party when a call is directed to a number that is not assigned by the carrier.
3. The MSP shall return answer supervision on all calls except those routed to certain recordings indicating network conditions.
4. CMRS Local Loop Trunks, CMRS Type 1, CMRS Type 2A and CMRS Type 2B circuits may be optioned for one-way inward (to the MSP), one-way outward (from the MSP), or two-way signaling. (T)

A35. INTERCONNECTION OF MOBILE SERVICES

A35.1 Interconnection Services for Mobile Service Providers (MSP's) (Cont'd)

A35.1.1 General (Cont'd)

M. Miscellaneous Information - Type of Interconnection Service (Cont'd)

5. CMRS Type 1, CMRS Type 2A and CMRS Type 2B circuits are four wire circuits using only multi-frequency (MF) address pulsing with wink start operations and E&M supervision. (T)
6. At the request of the MSP or at the discretion of the Company, subject to the operating limits and availability of facilities, these services may be provided from central offices other than the MSP's serving central office (C.O.). Where the C.O. can technically provide service as specified in the technical publications, but cannot measure due to switch limitations, such as software unavailability, then the Company may provide the service from a C.O. other than the MSP's serving C.O. at no additional charge to the MSP. Where a C.O. cannot technically provide a mobile service interconnection as specified in the technical publications because of equipment type, then the MSP must select an alternate C.O. capable of providing the requested type of service, in which case appropriate mileage rates will apply.

N. MSP Selective Class of Call Screening

1. MSP Selective Class of Call Screening (SCCS) is an optional service available with CMRS Local Loop Lines, CMRS Local Loop Trunks and CMRS Type 1 Service. (T)
2. MSP SCCS is offered with two options.
   Option 1 - Provides 0+ and 0- screening capability to force alternate billing and provides central office blocking of 1+, 101XXXX 1+, 976 and 900 calls.
   Option 2 - Provides 0+ and 0- screening capability to force alternate billing but allows 1+, and 101XXXX 1+ calls. 976 and 900 calls are blocked.
3. Subscribing to MSP SCCS only relieves the MSP of responsibility for charges associated with intraLATA calls made by subscribers using the Company's toll services. Subscribing to this service does not relieve the MSP of responsibility for charges associated with other type calls.
4. When Option 2 is selected, the MSP assumes responsibility for all sent-paid toll charges.
5. All local calls and calls to Company number such as repair service, Directory Assistance and public emergency service numbers, such as 911, will be permitted.
6. MSP SCCS will be established only where operator identification is provided through the use of automated equipment arranged to furnish this service.
7. This service is available only from central offices which have been arranged to provide the service. The service is provided subject to the availability of facilities. This service is not compatible with all service offerings.

A35.1.2 CMRS Local Loop Lines and CMRS Local Loop Trunks (T)

A. CMRS Local Loop Lines are equivalent to measured business lines. (T)

B. CMRS Local Loop Trunks arranged for one-way outward (MSP to C.O.) or two-way traffic may be optioned for either loop or ground start operation. CMRS Local Loop Trunks arranged for one-way inward (C.O. to MSP) traffic with out-pulsing of digits uses reverse battery supervision and may be optioned for either wink start or immediate start operation.

C. Call Screening and Restriction Services - Customized Code Restriction (A13.20) is an optional service available with CMRS Local Loop Lines and CMRS Local Loop Trunks, subject to the availability of suitably equipped central offices. (T)

D. Coincident with the availability of RegionServ service in a wire center, CMRS Local Loop Lines and CMRS Local Loop Trunks will provide local (7 digit) dialing for mobile originating traffic from the home wire center to all wire centers within a 40 mile radius, based on airline miles, in addition to the existing local calling area as described in A3.6. (T)

A35. INTERCONNECTION OF MOBILE SERVICES

A35.1 Interconnection Services for Mobile Service Providers (MSP's) (Cont'd)

A35.1.3 CMRS Type 1 Interconnection (T)

A. A CMRS Type 1 interconnection is a connection between a Company end office and an MSP's point of termination. With a CMRS Type 1 interconnection, the MSP can establish connections to valid NXX codes in the LATA, Directory Assistance, Operator Services (0- and 0+), Service Access Codes (700, 800, 900), and access to Interexchange Carriers (IC's) and International Carriers (INC's). (T)

B. Trunk groups containing the CMRS Type 1 connection must be presubscribed to an IC chosen by the MSP to complete inter-LATA calls. The MSP can access other IC's by using the 101XXXX code. (T)

C. Call Screening and Restriction Services - Customized Code Restriction (A13.20) is an optional service available with CMRS Type 1 Service, subject to the availability of suitably equipped central offices. (T)

A35.1.4 CMRS Type 2 Interconnection (T)

A. CMRS Type 2A (T)

1. A CMRS Type 2A interconnection is a connection between a Company access tandem office to an MSP's point of termination. The MSP switch acts like an end office. (T)
2. CMRS Type 2A interconnections to access tandems can be optioned so that the MSP switch appears as either an equal access end office (EAEO) or a non-confirming end office. (T)
3. For an MSP that offers equal access to its customers, a CMRS Type 2A interconnection to an access tandem can establish connections to valid NXX codes in the LATA, to Service Access Codes (700, 800, 900), to IC's and INC's. Access to Operator Services (0- and 0+) and N11 codes is not permitted; those calls must be completed over a separate CMRS Type 1 interconnection. (T)
4. For an MSP that does not offer equal access to its customers, a CMRS Type 2A interconnection to an access tandem can establish connections to valid NXX codes in the LATA, to Service Access Codes (700, 800, 900), and to a Feature Group A (FGA), FGB, or FGC IC. Access to Operator Services (0- and 0+) and N11 codes is not permitted; those calls must be completed over a separate CMRS Type 1 interconnection. (T)
5. If a CMRS Type 2A interconnection is optioned for two-way or one-way inward (to the MSP), an NXX code dedicated to the MSP is required. (T)
6. CMRS Type 2A service may be optioned for Common Channel Signaling using Signaling System 7 (CCS7) protocols, hereafter referred to as CMRS Type 2A-SS7. Mobile originated traffic over CMRS Type 2A-SS7 service is limited to intraLATA terminations where technical limitations exist in Company tandem offices. However, interLATA as well as intraLATA traffic originated from another location may terminate to the MSP's network over this service. As technical limitations are removed at individual tandem offices, mobile originated traffic over CMRS Type 2A--SS7 service will no longer be limited to intraLATA terminations through those offices. (T)
7. When CMRS Type 2A-SS7 service is in use, all Public Service Commission and/or legislative requirements for blocking of Calling Party Number and/or Automatic Number Identification becomes the responsibility of the subscribing MSP. Any failure of the MSP to implement appropriate blocking measures will be considered cause for the Company to immediately disconnect the CMRS Type 2A-SS7 service. (T)
8. CMRS Type 2A-SS7 service allows the MSP to subscribe to CCSIMT service from Section A35, in order to connect the MSP's signaling network to the Company's signaling network, or the MSP may use an alternate arrangement that interconnects with the Company's signaling network, if technically feasible. Signaling links will be required to the Company's mated Signaling Transfer Points (STP's) in each LATA in which CMRS Type 2A-SS7 service is desired. If B Link connections are used to connect to the Company STP's and there is more than one mated pair of Company STP's within the LATA, the MSP must establish signaling links to all STP pairs in that LATA. If an A Link connection is used to connect to the Company STP's and there are more than one set of mated Company STP pairs in the LATA, the MSP must establish signaling links to the "home" Company STP pair. The "home" STP pair will be determined by using the same criteria as for Company end offices and may be based on location, traffic patterns, or traffic volumes. The Company may require additional A Link signaling connections to additional STP pairs within the LATA should traffic volumes dictate. If an alternate arrangement for SS7 signaling links is utilized, Service Installation Guarantee is not applicable. (T)

A35. INTERCONNECTION OF MOBILE SERVICES

A35.1 Interconnection Services for Mobile Service Providers (MSP's) (Cont'd)

A35.1.4 CMRS Type 2 Interconnection (Cont'd) (T)

B. CMRS Type 2B (T)

1. CMRS Type 2B interconnection is a connection between a Company end office and the MSP's point of termination. This type connection provides a high usage route to/from NXX codes located in the end office. This type connection is intended to be used with a CMRS Type 2A interconnection, with first choice routing from the MSP to the end office and overflow allowed via a type 2A connection. (T)

C. CMRS Type 2C (T)

1. CMRS Type 2C interconnection is a connection between a Company E911 tandem and the MSP's point of termination. This type connection provides a route to allow the CMRS's subscriber to place E911 calls. (T)

A35.1.5 Circuit Direction Options

A. CMRS Local Loop Line Direction - Voice Grade Facilities (T)

Not required.

B. CMRS Local Loop Trunk Direction - Voice Grade Facilities (T)

See ***paragraph*** A35.1.6.A.2. (T)

C. CMRS Type 1 and CMRS Type 2 Circuit Direction - Voice Grade Facilities (T)

		Nonrecurring Charge	Monthly Rate	USOC
1.	CMRS Type 1 (T)			
(a)	Two-way	-	-	**BSVBC**
(b)	One-way Inward (C.O. to MSP)	-	-	**BSVB1**
(c)	One-way Outward (MSP to C.O.)	-	-	**BSVBO**
2.	CMRS Type 2A (T)			
(a)	Two-way	-	-	**BSVCC**
(b)	One-way Inward (C.O. to MSP)	-	-	**BSVC1**
(c)	One-way Outward (MSP to C.O.)	-	-	**BSVCO**
3.	CMRS Type 2B (T)			
(a)	Two-way	-	-	**BSVEC**
(b)	One-way Inward (C.O. to MSP)	-	-	**BSVE1**
(c)	One-way Outward (MSP to C.O.)	-	-	**BSVEO**
4.	CMRS Type 2C (T)			
(a)	CAMA or Feature Group D (as defined in J-STD-034 and TIA/EIA, without the optional pause for acknowledgement)	**$1,630.00**	-	**MR9CC**
(b)	SS7/ISUP (as defined in Telcordia GR-2956 Core, CCS/SS7 Generic Requirements in support of E9-1-1 Service	**1,630.00**	-	**MR9S7**

D. CMRS Local Loop Line Direction - DS1 Service (T)

See Network Access Service CAR Package in ***paragraph*** A35.1.6.B.3. (T)

E. CMRS Local Loop Trunk Direction - DS1 Service (T)

See Network Access Service CAR Package in ***paragraph*** A35.1.6.B.3. (T)

F. CMRS Type 1 and CMRS Type 2 Circuit Direction - DS1 Facilities (T)

See Network Access Service CAR Package in ***paragraph*** A35.1.6.B.3. (T)

A35. INTERCONNECTION OF MOBILE SERVICES

A35.1 Interconnection Services for Mobile Service Providers (MSP's) (Cont'd)

A35.1.6 Rates and Charges

A. Voice Grade Service

		Nonrecurring Charge	Monthly Rate	USOC	
1.	CMRS Local Loop Line with expanded 7 digit dialing				(T)
	(a) Measured, without rotary[1]	-	**$24.00**	**LCVXN**	
	(b) Measured, with rotary[1]	-	**36.00**	**LCVXR**	
2.	CMRS Local Loop Trunk (2 wire)				(T)
	a. One-way outward and two-way[2] with expanded 7 digit dialing				
	(1) Local loop without rotary				
	(a) Two-way	-	**31.00**	**OPL2N**	
	(b) One-way outward (MSP to C.O.)	-	**31.00**	**OPLON**	
	(2) Local loop with rotary				
	(a) Two-way	-	**46.50**	**OPL2R**	
	b. One-way inward[3,4](includes rotary)				
	(1) Local loop				
	(a) Each	-	**46.50**	**OPL1R**	
	(2) Trunk termination				
	(a) Direct Inward Dialing[5] (C.O. to MSP)	**$50.00**	**26.00**	**RDZ**	
	(3) Optional address pulsing for use with Direct Inward Dialing trunk termination				
	(a) Dual tone multifrequency (DTMF)	-	**7.50**	**S5D**	
	(b) Multifrequency (MF)	-	**7.50**	**S5M**	
3.	CMRS Local Loop Line and CMRS Local Loop Trunk Quantity Credits (effective 01-01-94)[6]				(T) (T)
	(a) CMRS Local Loop line/trunk quantity credit	-	**10.00**	**NA**	(T)

Note 1: Equivalent to a measured business line.

Note 2: May be optioned for either loop or ground start operation.

Note 3: Uses reverse battery supervision. May be optioned for either wink start or immediate start operation.

Note 4: This service provides outpulsing of digits from the central office toward the MSP (direct inward dialing service).

Note 5: Uses dial pulse address pulsing.

Note 6: Effective at the start of the first full customer bill period in 1994, when the total number of CMRS Local Loop Lines plus CMRS Local Loop Trunks from an MSP's location to the same central office equals five (5) or more, the credit ***shown in paragraph 3. (a)*** will be applied to each line or trunk equipped with rotary service (including CMRS Local Loop Trunks arranged for Direct Inward Dialing).. (T)(M)

Material appearing in Note 6 on this page previously appeared in paragraph 3 on this page.

A35. INTERCONNECTION OF MOBILE SERVICES

A35.1 Interconnection Services for Mobile Service Providers (MSP's) (Cont'd)

A35.1.6 Rates and Charges (Cont'd)

A. Voice Grade Service (Cont'd)

4. **(DELETED)** (D)

5. CMRS Type 1 or CMRS Type 2 circuits (4 wire) (T)

a. Facilities

	Nonrecurring Charge	Monthly Rate	USOC
(1) Local loop[1]			
(a) Local loop, 1st	**$335.00**	**$45.00**	**BSVVG**
(b) Local loop, each additional[2]	**145.00**	**45.00**	**BSVVG**
(2) Signaling			
(a) E&M (per loop)	**40.00**	**10.00**	**BSVEM**
(3) C.O. Equipment termination			
(a) Trunk termination (per loop)	**12.90**	**37.25**	**BSVTP**

Note 1: A local loop extends from the carrier location to the serving wire center.

Note 2: Each additional loop from the same carrier location to the same wire center.

A35. INTERCONNECTION OF MOBILE SERVICES

A35.1 Interconnection Services for Mobile Service Providers (MSP's) (Cont'd)

A35.1.6 Rates and Charges (Cont'd)

A. Voice Grade Service (Cont'd)

4. Interoffice channels

The following rates and charges apply when the carrier requests connection to a wire center which is not the normal serving wire center for the carrier location.

		Nonrecurring Charge	Monthly Rate	USOC
(a)	0 thru 8 miles, fixed charge (per channel)	**$93.00**	**$30.00**	**BSVEN**
(b)	0 thru 8 miles, per airline mile or fraction thereof	**-**	**2.05**	**BSVEN**
(c)	9 thru 25 miles, fixed charge (per channel)	**93.00**	**30.00**	**BSVEN**
(d)	9 thru 25 miles, per airline mile or fraction thereof	**-**	**2.00**	**BSVEN**
(e)	Over 25 miles, fixed charge (per channel)	**93.00**	**30.00**	**BSVEN**
(f)	Over 25 miles, per airline mile or fraction thereof	**-**	**1.95**	**BSVEN**

B. DS1 Service[1]

1. Twenty Four (24) Voice Equivalent Channel Increments

a. Facilities

(1) Facilities are provided at the rates specified for MegaLink, MegaLink Light, SMARTRing or LightGate services, per Section B7 of the Private Line ***Guidebook***. LightGate service (a.k.a. SPA Point to Point Network) or SMARTRing service (a.k.a. SPA Dedicated Ring) facilities may also be utilized from F.C.C. No. 1 Tariff, Section 7. Note that any service establishment fee for these services is applicable. (T)

(2) SMARTRing service as provided in Section B. of the intrastate Private Line ***Guidebook*** as of May 20, 1996 may be utilized. If additions or changes are subsequently made to SMARTRing service in Section B7 of the intrastate Private Line ***Guidebook***, the SMARTRing service with the additions or changes will become available for use in this ***Guidebook*** thirty days after the effective date of those changes in Section B7 of the Private Line ***Guidebook***. (T)

b. Trunk termination

(1) At the Company switch

		Nonrecurring Charge	Monthly Rate	USOC
(a)	Analog Company switch	**$90.00**	**$456.00**	**UTQAX**
(b)	Digital Company switch	**90.00**	**147.25**	**UTQDX**

2. Less than Twenty Four (24) Voice Equivalent Channel Increments

a. Facilities

(1) Facilities are provided at the rates specified for MegaLink, MegaLink Light, SMARTRing or LightGate services, per Section B7 of the Private Line ***Guidebook***. LightGate service (a.k.a. SPA Point to Point Network) or SMARTRing service (a.k.a. SPA Dedicated Ring) facilities may also be utilized from F.C.C. No. 1 Tariff, Section 7. Note that any service establishment fee for these services is applicable. (T)

(2) SMARTRing service as provided in Section B7 of the intrastate Private Line ***Guidebook*** as of May 20, 1996 may be utilized. If additions or changes are subsequently made to SMARTRing service in Section B7 of the intrastate Private Line ***Guidebook***, the SMARTRing service with the additions or changes will become available for use in this ***Guidebook*** thirty days after the effective date of those changes in Section B7 of the Private Line ***Guidebook***. (T)

b. Channelization

(1) Channelization is provided at the rates specified for MegaLink channel service, per B7.3 of the Private Line ***Guidebook***, to include a basic system of 24 channels at the central office, plus feature activation charges for the number of channels ordered. (T)

Note 1: DS1 service denotes 24 voice grade channels encoded at 1.544 Mbps in accordance with the North American hierarchy of digital signal levels.

A35. INTERCONNECTION OF MOBILE SERVICES

A35.1 Interconnection Services for Mobile Service Providers (MSP's) (Cont'd)

A35.1.6 Rates and Charges (Cont'd)

B. DS1 Service[1] (Cont'd)

2. Less than Twenty Four (24) Voice Equivalent Channel Increments (Cont'd)

c. Voice grade trunk terminations

When less than 24 channels are provided on DS1 service, rates and charges for voice grade trunk terminations apply in addition to facility and channelization rates and charges, for one-way inward CMRS Local Loop Trunks, CMRS Type 1, CMRS Type 2A and CMRS Type 2B circuits. A voice grade trunk termination applies for each channel activated. (T)

(1) CMRS Local Loop Trunks (T)

		Nonrecurring Charge	Monthly Rate	USOC
(a)	Direct Inward Dialing (DID) trunk termination equipped for dial pulse address pulsing	**$50.00**	**$26.00**	**RTBAX**
(b)	DID trunk termination equipped for dual tone multifrequency (DTMF) address pulsing	**50.00**	**33.50**	**RTBBX**
(c)	DID trunk termination equipped for multifrequency (MF) address pulsing	**50.00**	**33.50**	**RTBCX**

Note 1: DS1 service denotes 24 voice grade channels encoded at 1.544 Mbps in accordance with the North American hierarchy of digital signal levels.

A35. INTERCONNECTION OF MOBILE SERVICES

A35.1 Interconnection Services for Mobile Service Providers (MSP's) (Cont'd)

A35.1.6 Rates and Charges (Cont'd)

B. DS1 Service[1] (Cont'd)

	Nonrecurring Charge	Monthly Rate	USOC	
2. Less than Twenty Four (24) Voice Equivalent Channel Increments (Cont'd)				
c. Voice grade trunk terminations (Cont'd)				
(2) CMRS Type 1, CMRS Type 2A or CMRS Type 2B circuits				(T)
(a) Per voice equivalent channel activated	**$12.90**	**$37.25**	**BSVTP**	
3. Network Access Service				
a. Control Access Register (CAR) package, per voice equivalent channel				
(1) CMRS Type 1				(T)
(a) Two-way	-	**10.00**	**BSVSC**	
(b) One-way Inward (C.O. to MSP)	-	**10.00**	**BSVS1**	
(c) One-way Outward (MSP to C.O.)	-	**10.00**	**BSVSO**	
(2) CMRS Type 2A or Type 2C				(T)
(a) Two-way	-	**10.00**	**BSVTC**	
(b) One-way Inward (C.O. to MSP)	-	**10.00**	**BSVT1**	
(c) One-way Outward (MSP to C.O.)	-	**10.00**	**BSVTO**	
(3) CMRS Type 2B				(T)
(a) Two-way	-	**10.00**	**BSVMC**	
(b) One-way Inward (C.O. to MSP)	-	**10.00**	**BSVM1**	
(c) One-way Outward (MSP to C.O.)	-	**10.00**	**BSVMO**	
(4) CMRS Local Loop Trunks				(T)
(a) Two-way with expanded 7 digit dialing	-	**10.00**	**CAR2T**	
(b) One-way Inward (C.O. to MSP)	-	**10.00**	**CAR1T**	
(c) One-way Outward (MSP to C.O.) with expanded 7 digit dialing	-	**10.00**	**CAROT**	
(5) CMRS Local Loop Lines				(T)
(a) Two-way with expanded 7 digit dialing	-	**10.00**	**CAR2L**	

4. Channelization at the MSP location (optional)

a. Channelization may be provided upon request at the MSP location at the rates specified for MegaLink channel service, per B7.3 of the Private Line ***Guidebook***, to include a basic system of 24 channels at the customer premises, plus feature activation charges for the number of channels ordered. (T)

Note 1: DS1 service denotes 24 voice grade channels encoded at 1.544 Mbps in accordance with the North American hierarchy of digital signal levels.

A35. INTERCONNECTION OF MOBILE SERVICES

A35.1 Interconnection Services for Mobile Service Providers (MSP's) (Cont'd)

A35.1.6 Rates and Charges (Cont'd)

		Nonrecurring Charge	Monthly Rate	USOC	
D.	NXX Establishment Charge				
1.	The following charge applies to the establishment of a dedicated NXX or the subsequent movement of that NXX to a different central office in the Company's territory.[1]				
(a)	Per NXX established	-	-	**BSVAA**	
E.	Number assignments				
1.	The following charges apply to the assignment of numbers for inward dialing using CMRS Type 1 circuits or CMRS Local Loop Trunks.				(T)
(a)	Per group of 100 numbers,[2] shared NXX	-	**$0.03**	**BSV1A**	
(b)	Per group of 20 numbers,[2] shared NXX	-	**0.006**	**NDX**	
(c)	Per group of 1000 numbers activated in a dedicated NXX	-	**0.30**	**NADAA**	
(d)	Per group of 100 numbers activated in a dedicated NXX	-	**0.03**	**B1O**	
(e)	Per group of 100 numbers activated in a dedicated NXX with a scope of less than 100 numbers	-	**0.03**	**B12**	
F.	Mobile Service Provider (MSP) 800 Service to Direct Inward Dialing (DID)				
1.	The following charges provide for the establishment of an intraLATA 800 Service with Direct Inward Dialing (DID) capability on 800 Service Access Trunks using ten digit screening. This arrangement will also allow interLATA 800 calls to be completed by subscription to the services of a properly certificated Interexchange Carrier utilizing the Company provided screening.				
(a)	800 Service Access Trunk,[3] voice grade	-	-	**LWZSQ**	
(b)	800 Service Access Trunk,[4] on High Capcity facilities	-	-	**WHMS+**	

Note 1: Assignment of NXX codes is subject to code conservation measures as outlined in Bellcore TR-NPL-00275. When a MSP requests a subsequent dedicated NXX, it will be made available provided that at least seventy percent (70%) of the numbers in the already assigned NXX codes have been utilized by the MSP and the MSP has provided periodic forecasts of the number requirements to the Company.

Note 2: Numbers provided from this ***Guidebook*** Section are sequential within a number group. (T)

Note 3: 800 Service Access Trunk rate for voice grade is the same as the 800 Service Access Line rate displayed in Section A19. (USOC: for RCC application LWZSQ is equivalent to 8L9++).

Note 4: 800 Service Access Trunk rate for use on High Capacity facilities is the same as the 800 Service Access Line on High Capacity facilities rate found in Section A19. (USOC: for RCC application, WHMS+ is equivalent to WH9S+). This rate element provides for interconnection on a per channel basis to the toll network. The Control Access Register rate will not apply in this case. (T)

A35. INTERCONNECTION OF MOBILE SERVICES

A35.1 Interconnection Services for Mobile Service Providers (MSP's) (Cont'd)

A35.1.6 Rates and Charges (Cont'd)

		Nonrecurring Charge	Monthly Rate	USOC
F.	Mobile Service Provider (MSP) 800 Service to Direct Inward Dialing (DID) (Cont'd)			
1.	(Cont'd)			
(c)	800 Service Network Usage[1]	-	-	**NA**
(d)	800 Service DID trunk terminations[2,3]	**$ 50.00**	**$26.00**	**NDT**
(e)	Establish trunk group and provide first group of 100 numbers from an 800 code assigned for RCC Services	**480.00**	**17.00**	**T9B**
(f)	Each additional group of 100 numbers from an 800 code assigned for RCC services.	**480.00**	**17.00**	**T9BEA**
G.	MSP Selective Class of Call Screening			
1.	The following monthly rates are applicable for MSP Selective Class of Call Screening.			
(a)	Option 1 - 1+ and 101XXXX 1+ blocked[4]		**7.10**	**SRGM1**
(b)	Option 2 - 1+ and 101XXXX 1+ allowed[4]		**7.10**	**SRGM2**

Note 1: Rates and charges for the 800 usage as specified in Section A19 apply. (T)

Note 2: The subscriber to this DID 800 Service will be required to maintain an adequate number of trunks (transmission paths) as determined by the Company in order to provide quality grade of service and prevent network degradation.

Note 3: If the subscriber to DID 800 Service on High Capacity facilities activates all 24 channels of a DS1 at the time of installation, the 800 Service DID trunk termination rate does not apply to the channels on that DS1. If the subscriber activates less than 24 channels, the 800 Service DID trunk termination rate applies. (T)

Note 4: See ***paragraph*** A35.1.1.J for a description of the options. (T)

A35.2 (DELETED) (M)

Pages 9 through 12 are hereby deleted in their entirety and removed from this Guidebook. (N)

A35. INTERCONNECTION OF MOBILE SERVICES

A35.3 Operator Services Interconnection

A35.3.1 Service Description

A. Operator Services Interconnection (OSI) provides a connection between a Mobile Service Provider's (MSP's) switching equipment and a Traffic Operator Position System (TOPS) tandem switch. This interconnection will provide a direct transmission path to the Company's TOPS tandem switches. These Operator Services switches provide access to alternate billing services, Directory Assistance (DA) services, Directory Assistance/Directory Assistance Call Completion (DA/DACC) and general assistance services.

B. This interconnection circuit will be one-way outward (MSP to TOPS tandem) only.

C. At this time, the only service being offered via this interconnection is Directory Assistance/Directory Assistance Call Completion (DA/DACC) as specified in A3.25. (T)

A35.3.2 General

A. Operator Services Interconnection (OSI) is provided by the Company where facilities and operating conditions permit.

B. Except as noted, services provided in this sub-section are subject to all general ***terms and conditions*** applicable to the provisioning of service by the Company as stated in Section A2. (T)

C. The appropriate service charges in Section A4 apply to the establishment and rearrangement of service provided under this sub-section. In addition, the nonrecurring charges specified in A35.3.5 shall apply for connection of service or rearrangements.

D. The rates contained in this offering contemplate the use of standard serving arrangements normally provided by the Company. Non-standard facility requirements, equipment, or service options may be requested via the special assembly process as defined in Section A5. (T)

E. The services provided under this ***Guidebook*** shall be used by the MSP only for the handling of traffic originating on the MSP's network in conjunction with its authorized services. (T)

F. Billing disputes must be communicated to the Company in writing as soon as possible. The Company will make every effort to investigate such disputes and reconcile any differences within thirty days from receipt of such notification. If the billing amount is found to be correct, a late payment charge may be applicable, per Section A2. (T)

G. The conditions and rates specified in other ***guidebooks*** for services which may be associated with Operator Services Interconnection are in addition to those specified herein. (T)

H. Usage charges for mobile originated calls, as specified in ***paragraph*** A35.1.6.C apply to DACC calls completed over this interconnection. These usage charges apply according to the specifications outlined in ***paragraph*** A35.1.1.G or A35.1.1.H, except that the rating for these mobile originated calls will be based on the screening number in all cases. (T)

A35. INTERCONNECTION OF MOBILE SERVICES

A35.3 Operator Services Interconnection (Cont'd)

A35.3.3 Obligations of the Mobile Service Provider (MSP)

A. The MSP's switch must be capable of using Operator Services System signaling as described in Bellcore document TR-TSY-000506.

B. A screening number must be provided by the MSP for Operator Service Interconnection. The chosen number can only then be used in the provisioning of this service. The MSP may use a number from an existing dedicated NXX. However, the MSP must use a number from a dedicated NXX to achieve customer branding. (T)

A35.3.4 Application of Rates

A. Operator Services Interconnection is comprised of a distance-sensitive facility rate from the MSP's premises to the MSP's serving wire center and a trunk termination rate for terminating equipment located at the TOPS switch. MSP Usage charges will apply for DACC completed calls. Other applicable charges will apply for general operator assisted calls.

B. Operator Services Interconnection is only available in twenty-four channel increments.

C. MegaLink service, MegaLink Light service, SMARTRing service and LightGate service from Section B7 of the Private Line ***Guidebook*** are used to rate the facilities used for Operator Services Interconnection. LightGate service (a.k.a. SPA Point to Point Network) or SMARTRing service (a.k.a. SPA Dedicated Ring) from F.C.C. No. 1 Tariff, Section 7, may also be used. The terms and conditions which apply for those services apply here, including the application of any service establishment charges. (T)

A35.3.5 Rates and Charges

A. Facilities

1. The following facility rates apply:
   a. Rates for digital private line services (either MegaLink service, MegaLink Light service or LightGate service, as provided in Section B7 of the Private Line ***Guidebook*** apply from the customer premises to the Company serving wire center. (T)

	Nonrecurring Charge	Monthly Rate	USOC
B. Equipment Termination			
1. Trunk Termination, per DS1			
(a) At Company TOPS Tandem Switch	**$90.00**	**$147.25**	**OSNET**
C. Network Access Service			
1. Voice Grade Equivalent			
(a) Per Channel	-	**10.00**	**OSNCA**

A35.4 Connection of Commercial Mobile Radio Service Providers to E911 Services

A35.4.1 Service Description

A. This service provides connection between a CMRS providers network and the Company's Universal Emergency Number Service - 911 (hereafter referred to as "911 service") network. This service is used by the CMRS provider exclusively to route calls from the CMRS's customers trying to access emergency 911 service. Three service arrangements are available;

1. The Feature Group D Interconnection will allow the CMRS provider to pass wireless 911 calls to the ***Company*** E911 tandem with voice, P-ANI and call back number (CBN) of the caller for Phase 1 compliance. The ***Company*** E911 tandem will pass the data to the ALI hosts for subsequent delivery to the PSAP. This service arrangement requires that the serving E911 tandem(s) be DMS, equipped with the Wireless Interconnection Solution (WLS911). (T)
2. The CAMA Interconnection will allow the CMRS provider to pass wireless 911 calls with voice and P-ANI to the ***Company*** E911 tandem, for delivery to the PSAP. The CMRS provider will need to establish Non Call path Associated Signaling (NCAS) links to the ALI hosts to dynamically provide the P-ANI and call back number (CBN) of the caller for each wireless 911 call. These NCAS links described above are not a part of this ***guidebook***. (T)
3. The SS7/ISUP Interconnection will allow the CMRS provider to pass wireless 911 calls as described in ***paragraphs*** 1 and 2, respectively, but allows the use of SS7 supported dedicated trunking (using ISUP signaling as defined in Telcordia GR-2956-Core, CCS/SS7 Generic Requirements in support of E911) instead of CAMA or Feature Group D. If service arrangement ***paragraph*** 2 is chosen, the CMRS provider will still need to establish Non-Call path Associated Signaling (NCAS) links to the ALI hosts to dynamically provide the P-ANI and call back number (CBN) of the caller for each wireless 911 call. These NCAS links described above are not a part of this ***guidebook***. (T)

A35. INTERCONNECTION OF MOBILE SERVICES

A35.4 Connection of Commercial Mobile Radio Service Providers to E911 Services (Cont'd)

A35.4.1 Service Description (Cont'd)

B. The Company's 911 tandem switch will receive a Pseudo Automatic Number Identification (P-ANI) signal from the CMRS. The Company's 911 tandem switch (established as part of an Emergency Reporting Service from Section A13) will use the P-ANI to direct the 911 call to a Public Safety Answering Point (PSAP) predetermined by the CMRS provider and the PSAP. (T)

A35. INTERCONNECTION OF MOBILE SERVICES

A35.4 Connection of Commercial Mobile Radio Service Providers to E911 Services (Cont'd)

A35.4.1 Service Description (Cont'd)

C. ***The Company*** provides fault-tolerant and redundant ALI (Automatic Location Identification) computers for high availability service to the PSAPs. The ***Company's*** ALI computers are designed to function as mated pairs for redundancy. Each PSAP served by these ALI computers has a data link to each of the mated pairs. The ALI computers are located in different data centers in different states to provide diversity. PSAP bids, or request, for ALI are sent over both data links simultaneously. The mated ALI computers contain mirrored databases at each location and alternate responding to the PSAP. In the event a data circuit or an ALI computer is unavailable, the system is designed to provide continuous service from the other ALI computer in the paired arrangement. (T)

D. The E911 database consists of data records provided by various service providers located within the ***Company's*** E911 service area. Each service provider, including the CMRS, ***is*** responsible for providing their data records for the E911 database. These records must be present in the E911 database for selective routing and for the Real-Time Data Interface to function properly. CMRS records in the E911 database contain static cell site sector location information that will assist the PSAP in determining the general location of the 911 caller. These static records do not contain the call back number (CBN) or the longitude/latitude of the caller's location when initially inserted into the database. The CBN and longitude/latitude information is populated dynamically in the E911 database during the call processing. Information for providing data for the E911 database may be found in the E911 Wireless Carrier Guide available from ***AT&T*** Interconnection Services. (T)

E. The ***Company's*** E911 System and ALI computers support different application level protocols for accepting Phase 1 and Phase 2 CMRS E911 real-time updates. CMRSs wishing to use one of the supported interfaces must ensure compatibility with the solution provider as well as ***the Company's*** contracted vendor managing the ALI database. The ***Company***-supported solutions are listed in Technical Reference document TR 73610. Detailed application level specifications for these solutions are available directly from each of the respective manufacturer. (T)

A35.4.2 General

A. This service is furnished to the CMRSs only for the purposes of reporting emergencies by the CMRS's subscriber.

B. This service is offered solely as an aid in handling calls in connection with fire, police and other emergencies and does not create any relationship or obligation, direct or indirect, to any person other than the CMRS subscribing to the service.

C. The Company does not undertake to answer and forward 911 calls, but furnishes the use of its facilities to enable the CMRS to direct calls to the appropriate PSAP in locations where government authorities or their authorized agents have subscribed to 911 service.

D. Except as noted, services provided in this sub-section are subject to all general ***terms and conditions*** applicable to the provisioning of service by the Company as stated in Section A2. (T)

E. The appropriate service charges in Section A4 apply to the establishment and rearrangement of service provided under this sub-section. In addition, the nonrecurring charges specified in A35.4.5 shall apply for connection of service or rearrangement.

F. The rates contained in this offering contemplate the use of standard serving arrangements normally provided by the Company. These rates contemplate installation during normal work hours. Non-standard facilities requirements, equipment, service options or installation requirements may be requested via processes defined in Section A5. (T)

G. The conditions and rates specified in other ***guidebooks*** for services which may be associated with this service are in addition to those specified herein. (T)

H. The Company is not responsible for the location determination technology, the accuracy of the location determination technology, or the investigation or maintenance of said technologies. Only the data required and specified by the FCC in its Report and Order 94-102 will be delivered by the Company to the PSAP and only when said data has been provided by the CMRS. This required data includes the cell site or sector location, the callback number, and the longitude/latitude of the caller. The CMRS agrees that delivery, or lack of delivery, of additional data elements which may be provided by the CMRS will not be the responsibility of the Company and the Company assumes no responsibility or liability for such information

A35.4.3 Obligations of the CMRS

A. It is the sole responsibility of the CMRS to subscribe to a sufficient number of channels to handle the 911 emergency calls from the CMRS' customers. The quantity should be determined based on achieving parity with wireline E911 calls by providing a P.01 grade of service.

B. The CMRS will work with the government authorities who subscribe to 911 service, and with the Company or any other provider of 911 service to populate any associated database which is used to provide Enhanced Universal Emergency Number (911) service or equivalent.

A35. INTERCONNECTION OF MOBILE SERVICES

A35.4 Connection of Commercial Mobile Radio Service Providers to E911 Services (Cont'd)

A35.4.3 Obligations of the CMRS (Cont'd)

C. The CMRS will map Pseudo ANI to antenna RF coverage to identify the geographic location of the CMRS customer originating the 911 call. These assigned numbers will then be passed to the Company 911 tandem as an ANI signal. (T)

D. The CMRS must populate the Company E911 database with valid cell site sector location records using assigned P-ANI numbers as well as provide for real-time update interface to populate the call-back number and longitude/latitude of the CMRS caller as described under Service Description.

E. For the CAMA service arrangement described under Service Description, it is the CMRS's responsibility to obtain the data circuits to Real-Time ALI Data Interface. ***The Company*** can provide intraLATA transport, however, if the circuits are interLATA the CMRS must arrange to transport the circuit across the LATA boundary. (T)

F. The CMRS must have obtained an E2 interface to the Company E911 databases that complies with the Technical Reference TR #73610. This interface will be used by the CMRS to provide real-time updates for Phase 1 and/or Phase 2 information. (T)

G. The CMRS must provide the Company information about the E2 interface including type of connections, IP addresses, MPC identifiers, and P-ANI ranges necessary to properly establish the E2 interface to the Company E911 databases**.**

H. The CMRS must have Position Determining Entity (PDE) and a Mobile Position Center (MPC) in their network to provide Phase 2 location information**.**

A35.4.4 Application of Rates

The Feature Group D Commercial Mobile Radio (CMRS) Service Arrangement - Direct Routing, allows a Wireless Carrier to become Phase 1 compliant with FCC Mandate Report and Order 94-102. The mandate requires Wireless Carriers to pass wireless 911 calls to the correct Public Safety Answering Point (PSAP), identify the wireless subscriber's callback number and identify the cell site/sector originating the 911 call. This Service Arrangement provides Wireless Carriers with a turn-key Phase 1 network solution.

A35.4.5 Rates and Charges

A. CMRS E911 Direct Routing (T)

1. E911 tandem connected

	Nonrecurring Charge	Monthly Rate	USOC
(a) Each	**$15,576.00**	**$1,504.00**	**MR9PC**

Page 17 is hereby deleted in its entirety and removed from this Guidebook. (N)

A36. TRANSIT TRAFFIC SERVICE

CONTENTS

A36. TRANSIT TRAFFIC SERVICE

A36.1 Transit Traffic Service

A36.1.1 Definitions (T)

A. Telecommunications Service Provider - a provider of local and/or access telecommunications service who is legally certified to provide service within the state of Tennessee, or is licensed by the Federal Communications Commission (FCC) to provide Commercial Mobile Radio Service (CMRS). For purposes of this ***guidebook***, this definition includes, but is not limited to, CMRS providers, Competitive Local Exchange Carriers (CLECs) and Independent Telephone Companies (ICOs). (T)

B. Transit Traffic – Local Traffic originating on one Telecommunications Service Provider's network that is delivered by ***the Company*** to a different Telecommunications Service Provider's network for termination. (T)

C. Transit Traffic Service – ***The Company's*** provision of the functions to allow a Telecommunications Service Provider to send and receive Transit Traffic. (T)

D. Local Traffic – for purposes of this ***guidebook***; (T)

1. For wireline-to-wireline traffic, Local Traffic is any intraLATA circuit switched call transiting ***the Company's*** network that originates from and terminates to carriers other than ***the Company***, and for which ***the Company*** does not collect toll charges or access charges, either directly or indirectly, as the intraLATA toll provider for the end user. This traffic includes ICO-to-ICO traffic, CLEC-to-ICO traffic, ICO-to-CLEC traffic, and CLEC-to-CLEC traffic; or (T)
2. For wireless-to-wireless traffic, wireline-to-wireless traffic, and wireless-to-wireline traffic, Local Traffic is any circuit switched call originating from and terminating to carriers other than ***the Company*** and transiting ***the Company's*** network that originates and terminates within the same Major Trading Area (MTA), subject to ***the Company's*** LATA restrictions. An MTA is the largest FCC-authorized wireless license territory which serves as the definition of local service area for CMRS traffic as defined in 47 C.F.R 24.202(a). This traffic includes, but is not limited to, CMRS-to-CMRS, CMRS-to-ICO, ICO-to-CMRS, CLEC-to-CMRS and CMRS-to-CLEC calls. (T)

A36.1.2 *Terms and Conditions* (T)

A. This ***guidebook*** provides the rates, terms and conditions for ***the Company's*** provision of Transit Traffic Service pursuant to this ***guidebook***. Charges for Transit Traffic Service in this ***guidebook*** shall apply only to those Telecommunications Service Providers that do not have an interconnection agreement with ***the Company,*** providing for payment for transit traffic service for any particular type of Transit Traffic as described in ***paragraph*** A36.1.2.B. Charges for Transit Traffic Service in this ***guidebook*** shall not be applied to any carrier who has an expired interconnection agreement providing for payment for transit traffic service if the carrier is engaged in ongoing negotiation or arbitration for a new interconnection and the former agreement provides for continuing application during that period. (T)

B. If Transit Traffic is specifically addressed in a separate agreement between ***the Company*** and the originating Telecommunications Service Provider, then the rates, terms and conditions contained in that separate agreement will apply in lieu of this ***guidebook***. If such separate agreement is limited to certain types of traffic or carriers, then the separate agreement will apply to those traffic types or carriers, and this ***guidebook*** will continue to apply to any traffic types and carriers not covered under the separate agreement. (T)

C. ***The Company*** offers Transit Traffic Service only for Transit Traffic that is intended to terminate to a Telecommunications Service Provider whose network is directly interconnected with ***the Company's*** network. Where ***the Company*** accepts Transit Traffic from a Telecommunications Service Provider, ***the Company*** is not liable or responsible for payment to the terminating carrier. Such payment is the sole responsibility of the originating Telecommunications Service Provider. By utilizing ***the Company's*** Transit Traffic Service for the delivery of Transit Traffic, the originating Telecommunications Service Provider is committing to establishing a traffic exchange agreement or other appropriate agreement to address compensation between the originating Telecommunication Service Provider and the terminating carrier(s). (T)

D. Notwithstanding anything in ***paragraph*** C to the contrary, in the event that the terminating Telecommunications Service Provider imposes on ***the Company*** any charges or costs for the delivery of Transit Traffic, the originating Telecommunications Service Provider utilizing ***the Company's*** Transit Traffic Services pursuant to this ***guidebook*** shall reimburse ***the Company*** for such charges or costs. (T)

E. ***The Company***, as the tandem switching provider for Transit Traffic, will generate and deliver to the terminating Telecommunications Service Provider industry standard call detail records, where available, for its use in billing the originating Telecommunications Service Provider for the termination of Transit Traffic. Notwithstanding the foregoing, unavailability of such call detail records does not relieve the originating Telecommunications Service Provider of its obligation to pay the charges for Transit Traffic Service as specified in this ***guidebook***, nor does it create any liability to the terminating Telecommunications Service Provider on the part of ***the Company***. (T)

A36. TRANSIT TRAFFIC SERVICE

A36.1 Transit Traffic Service (Cont'd)

A36.1.2 *Terms and Conditions* (Cont'd) (T)

F. Telecommunications Service Providers originating Transit Traffic may elect one of two options for measuring Transit Traffic minutes of use for which charges are due.

1. The originating Telecommunications Service Provider shall utilize its originating switch recordings to compensate ***the Company*** based upon actual Transit Traffic minutes of use ("Actual Measurements"). Telecommunications Service Providers electing to utilize Actual Measurements shall provide a monthly report to ***the Company*** reflecting actual Transit Traffic minutes of use, along with payment on a per minute of use basis at the applicable rate set forth in Section A36.1.3, within sixty days of the date of usage. (T)
2. In lieu of Actual Measurements, the originating Telecommunications Service Provider shall provide to ***the Company*** a percent local usage factor (PLU) estimating the percentage of total minutes of use delivered to ***the Company*** that constitutes Transit Traffic ("Estimated Measurements"). The PLU must be provided to ***the Company*** in writing within 30 days of the effective date hereof, or within 30 days of delivering Transit Traffic to ***the Company***. In the event the originating Telecommunications Service Provider fails to provide a PLU to ***the Company*** during this timeframe, ***the Company*** will assign a PLU to be used until a PLU is provided. To the extent a PLU is provided after the default PLU has taken effect, the PLU provided by the Telecommunications Service Provider shall be applied on a prospective basis only. The PLU shall be updated annually, or sooner in the event of a change in Local Traffic volume. (T)

G. ***The Company*** reserves the right to contest the accuracy of both the Actual Measurements and Estimated Measurements provided by Telecommunications Service Providers and may conduct audits or internal studies for verification. (T)

H. In the event a dispute arises regarding Actual Measurements or Estimated Measurements, ***the Company*** will continue to bill based upon information provided by the Telecommunications Service Provider or utilizing the assigned PLU until the dispute is resolved. (T)

I. If ***the Company*** and the Telecommunications Service Provider are unable to successfully negotiate a resolution to the dispute within 30 days of notice of the existence of a dispute, the aggrieved Party shall seek dispute resolution with the appropriate governing body. (T)

J. Once the dispute is resolved, the parties shall utilize the resulting Actual Measurements or Estimated Measurements on a going forward basis. The parties shall negotiate a true up of any billing inaccuracies occasioned by application of such Measurement on a retroactive basis.

K. Charges shall be billed to the originating Telecommunications Service Provider and shall be payable under the terms of A2.4. (T)

A36.1.3 Rates and Charges

The rate for Transit Traffic Service is set forth below:

		Charge	USOC	
(a)	**(DELETED)**			(D)
(b)	Transit Traffic Service, per MOU on and after 1/1/2006	**$0.006**	**NA**	

A37. (DELETED) (D)

Pages 2 through 5 are hereby deleted in their entirety and removed from this Guidebook. (N)

A38. LISTING SERVICES

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Material previously appearing on this page now appears on Contents page(s) 1 of the Non-Regulated Services – Pricing guide.

Directory Assistance Database Service (DADS) and Emergency Service Provider Data Service (ESPDS) now appear in the Non-Regulated Services – Pricing guide in Sections N8.1 and N8.4, respectively.

A38. LISTING SERVICES

A38.1 *Reserved For Future Use* (T)(M)

Material previously appearing on this page now appears on page(s) 1 of Section N8 of the Non-Regulated Services – Pricing guide.

A38. LISTING SERVICES

A38.1 *Reserved For Future Use* (Cont'd) (T)(M)

Material previously appearing on this page now appears on page(s) 2 of Section N8 of the Non-Regulated Services – Pricing guide.

A38. LISTING SERVICES

A38.1 *Reserved For Future Use* (Cont'd) (T)(M)

A38. LISTING SERVICES

A38.2 Reserved For Future Use

A38.3 Location Identification Database Service - E911

A38.3.1 Description of Service

A. Upon request, the Company will provide an initial load of E911 subscriber information along with access to daily updates from the Company's E911 Database Management System. Access is provided to non-affiliated entities and affiliated entities solely for the purpose of providing E911 services and only for the Public Safety Answering Points (PSAPs) for which the non-affiliated or affiliated entity is authorized to provide E911 service.

B. A Nonrecurring Charge applies at the initial load and to subsequent retransmissions of the data. The Monthly Recurring Charge applies per 1,000 records in the initial load. The count of records will be adjusted at the end of each calendar year to update customer billing, with the applicable twelve month period being the twelve months ending each calendar year. Cancellation charges and Termination Liability charges for Location Identification Database Service - E911 are set forth in A38.3.3. (T)

A38.3.2 *Terms and Conditions* (T)

A. Use of Location Identification Database Service - E911 shall be limited solely to the customer's provisioning of E911 Service as defined in A38.3.1. (T)

B. Vendors, agencies or local exchange companies requesting this service must meet the current network standards.

C. The customer shall not reproduce, resell, rent, license, disclose, or allow access to the database for any reason other than for the provision of E911 Service. Failure to comply with the provisions of this ***Guidebook*** shall result in termination of the service and customer shall immediately return to the Company all copies of the Location Identification Database in its possession and shall make no further use of the data. The Company may refuse to furnish the service when it has reasonable grounds to believe that such service shall be used in violation of this ***Guidebook***. (T)

D. The minimum period for Location Identification Database Service is one month. The customer must give the Company 120 days' notice prior to termination of service. The ***terms and conditions*** as set forth for deposits and payment of service in A2.4 shall apply. If a customer cancels an order for the service prior to the scheduled delivery date, the customer shall pay the Company a cancellation fee as specified in A38.3.3. (T)

E. The Company shall not be liable for any errors or deficiencies in the data provided. The customer agrees to release the Company from any and all liability which may arise due to any errors and omissions in the database.

F. The customer shall protect, indemnify, save harmless and defend the Company from and against any and all loss, liability, damages and expense arising out of any demand, claim, suit or judgment for damages that may arise out of the Company's supplying Location Identification Database Service -E911 or use of data contained therein irrespective of any fault, failure, or negligence on the part of the Company.

G. The Location Identification Database Service - E911 initial load and daily updates will be available for electronic retrieval by the customer. The customer's processor(s) shall be secured from unauthorized entry and must be password protected. All equipment used in the storage and retrieval of this information must be compatible with national standards for interfaces of Enhanced 911 Emergency Response Systems.

H. Any long distance charges incurred when accessing the Location Identification Database will be the responsibility of the customer. PSAPs may incur additional charges as shown in ***paragraph*** A13.27.5.E (T)

A38. LISTING SERVICES

A38.3 Location Identification Database Service - E911 (Cont'd)

A38.3.3 Rates and Charges

	Nonrecurring Charge	Monthly Rate	USOC
A. Location Identification Database Service-E911, Initial load or subsequent reload of Location	**$9,500.00**	--	**AL1SS**
Identification Database Service - E911 records, per 1,000 access records in each E911 jurisdiction[1]	--	**$48.00**	**AL1MU**
B. Cancellation Fees[2]			
Prior to scheduled delivery of initial database file, per cancellation	-		**AL1CC**

Note 1: Rounded to the next 1,000 access records. A count of access records will be conducted at the end of each calendar year to reflect the current total, with the applicable twelve month period being the twelve months ending each calendar year, and each subscriber's billing will be adjusted accordingly, up or down.

Note 2: The nonrecurring cancellation fee will be 75 per cent of the nonrecurring initial load charges shown in ***paragraph*** A. The ***terms and conditions*** set forth in ***paragraph*** A13.27.5.C.21 shall apply. (T)

A38. LISTING SERVICES

A38.4 *Reserved For Future Use* (T)(M)

A38. LISTING SERVICES

A38.4 *Reserved For Future Use* (Cont'd) (T)(M)

Material previously appearing on this page now appears on page(s) 5 of Section N8 of the Non-Regulated Services – Pricing guide.

A38. LISTING SERVICES

A38.4 *Reserved For Future Use* (Cont'd) (T)(M)

Material previously appearing on this page now appears on page(s) 6 of Section N8 of the Non-Regulated Services – Pricing guide.

A39. ABBREVIATED DIALING (OBSOLETED SEE A139)

Pages 2 through 9 are hereby deleted in their entirety and removed from this Guidebook. (N)

A40. FAST PACKET TRANSPORT SERVICES

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A40. FAST PACKET TRANSPORT SERVICES

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A40. FAST PACKET TRANSPORT SERVICES

A40.1 Frame Relay Service (Obsoleted, See Section *A140.1*) (T)

A40.2 *Reserved For Future Use* (M)(T)

A40.3 Native Mode LAN Interconnection (NMLI) Service (Obsoleted, See Section A140.3) (M)

A40.4 (DELETED) (M)

Pages 2 through 10.4 are hereby deleted in their entirety and removed from this Guidebook. (N)

A40. FAST PACKET TRANSPORT SERVICES

A40.5 Broadband Line Service

A40.5.1 General

A. Broadband Line Service provides the customer with a local connection to high speed frame or cell-based switched services.

B. Broadband Line Service is available under options. Rates, charges, ***terms and conditions*** specific to these options are in later subsections of this ***Guidebook*** section. The Fast Packet Option is described in A40.5.3. (T)

C. Network interface specifications for Broadband Line Service are contained in BellSouth Technical Reference 73590. This publication is available from:

BellSouth Telecommunications, Inc.
Documentation Operations
20th Floor
600 North 19th Street
Birmingham, AL 35203

D. Broadband Line Service, as provided for in this ***Guidebook*** section, is offered for intraLATA use only and may not be utilized to connect to a Class 5 office for use in local exchange service transmissions. (T)

E. The ***terms, conditions*** and rates specified herein are in addition to the applicable ***terms, conditions*** and rates specified in other sections of this and other ***guidebooks*** of the Company. (T)

F. The rates and charges set forth for Broadband Line Service provide for the furnishing of service where suitable facilities are available. Where special construction of facilities is necessary, special construction charges may apply as set forth in Section A5. (T)

A40.5.2 *Terms and Conditions* (T)

A. Explanation of Terms

1. Broadband Line
   The link from the customer's premises to the customer's Serving Wire Center.
2. Broadband Line Extension
   When a customer's Serving Wire Center is not a Serving Area Point, a Broadband Line Extension is used to connect the Serving Wire Center to the closest Serving Area Point. The Broadband Line Extension is associated with a Broadband Line, or as specified otherwise herein this ***guidebook***. (T)
   The Broadband Line Extension is measured on a per mile basis in airline miles from a Central Office that is not a Serving Area Point to a Serving Area Point.
3. Network Serving Area
   Certain Company Central Offices are designated Serving Area Points. A Network Serving Area is comprised of all the Serving Area Points in a geographic area.
4. Serving Area Point
   A Company Central Office that is designated as a member of the Network Serving Area.

B. Basis of Offering

1. Detailed monthly billing is not provided.
2. Suspension of service is not allowed.
3. The minimum service period is one month.

C. Connections

The design, maintenance, and operation of Broadband Line Service contemplate data communications originating or terminating at stations of the customer.

1. Obligations of Customer
   a. When customer provided equipment (CPE) is connected with Broadband Line Service, the customer or authorized user must provide equipment to perform the function of the Digital Terminating Equipment (DTE). The DTE provided by the customer is required at a customer's premises to perform such functions as:
      - Proper termination of service
      - Amplification (M)
      - Signal shaping (M)
      - Remote loopback (M)

Material appearing on this page previously appeared on page(s) 10.6 of this section.

A40. FAST PACKET TRANSPORT SERVICES

A40.5 Broadband Line Service (Cont'd)

A40.5.2 *Terms and Conditions* (Cont'd) (T)

C. Connections (Cont'd)

1. Obligations of Customer (Cont'd)

(M)

b. Where Broadband Line Service is available under this ***Guidebook*** for use in connection with customer provided equipment (CPE), the operating characteristics of such equipment shall be such as not to interfere with any of the services offered by the Company. Such use is subject to the further provisions that the CPE 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 from the Company 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. (T)

c. When CPE is connected to Broadband Line Service, the customer shall be responsible for:

(1) Compatibility of the CPE to Broadband Line Service. This includes replacing the DTE due to technological changes in the network, and

(2) Testing, sectionalization and clearance of trouble conditions or service difficulties on any CPE which is connected to Broadband Line Service. (T)

d. The customer's responsibility shall include cooperative testing with the Company as may be necessary.

2. Responsibility of the Company

a. The Company shall not be responsible for installations, operation, or maintenance of any CPE. Where such CPE is connected to Company facilities, the responsibility of the Company shall be limited to the furnishing of facilities suitable for Broadband Line Service and to the maintenance and operation of such facilities in a manner proper for such service. Subject to this responsibility, the Company shall not be responsible for:

(1) The through transmission signals generated by such equipment, or for the quality of, or defects in, such transmission,

(2) The reception of signals by such equipment, or

(3) Damage to CPE provided by a customer to an authorized user during testing.

b. The Company shall not be responsible to the customer, if changes in any of the facilities, operations, or procedures of the Company utilized in provisioning of Broadband Line Service render any facilities provided by a customer obsolete or require modifications or alteration of such equipment or otherwise affect its use or performance.

c. 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.

D. Provision of Service

1. Rates and charges contained in this Section of the ***Guidebook*** consist of the following elements: (T)

a. Broadband Line

b. Broadband Line Extension

c. Move Charges

2. Service connection charges for Broadband Line Service are included in the respective nonrecurring charges specified herein. Service Connection Charges from Section A4 are not applicable. Charges applicable for customer requested change of service installation due date and cancellation of service installation are as specified in Section A40.9. (T)

Material previously appearing on this page now appears on page(s) 10.5 of this section.

A40. FAST PACKET TRANSPORT SERVICES

A40.5 Broadband Line Service (Cont'd)

A40.5.2 *Terms and Conditions* (Cont'd) (T)

D. Provision of Service (Cont'd)

3. A move involves a change in the physical location of one of the following:
   - the point of interface at the customer's premises
   - the customer's premises

   The charges for the move are dependent upon whether the move is located within the same building or to a different building.
   a. 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 charge for the affected service termination at the customer's premises. There will be no change in the minimum period requirements.
   b. Moves to a Different Building
      Moves to a different building, other than addressed in ***paragraph*** c, 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. (T)
   c. Moves of Service(s) under Fast Packet SPP
      Customer requests for moves of service under Fast Packet SPP, other than inside moves, will be subject to the conditions stated in A40.10.11.
4. Service may be connected to connecting companies' service areas. In cases where ***the Company*** has established Broadband Services contractual arrangements with that company, service will be provided under the terms in this ***Guidebook***. Where contractual arrangements do not exist, ***the Company*** will apply alternative ***guidebook*** rates to the service in the connecting company's area or the connecting company may bill its charges directly to the customers. (T)

A40.5.3 Fast Packet Option (FPO)

A. General

1. The Fast Packet Option (FPO) of Broadband Line Service is only available when used in conjunction with Frame Relay Service, Asynchronous Transfer Mode (ATM) Service, or BellSouth Video Conferencing Service (BVCS). Specifications for Frame Relay Service are contained in A40.1. ATM Service specifications are contained in A40.8. Specifications for BVCS are continued in A140.11. (T)
2. The Fast Packet Option is used to connect a customer premises with the Frame Relay, ATM or BVCS Network Serving Areas.
3. The Fast Packet Option is designed to transmit digital data signals at speeds of 56 Kbps, 64 Kbps, 128 Kbps[1], 1.536 Mbps, 44.210 Mbps, 149.760 Mbps, or 599.040 Mbps.
   a. Multiples of 1.536 Mbps Broadband Line Service and Broadband Line Extension Service (from 2 through 8) may be used to access ATM Service Customer Connections using Inverse Multiplexing (IMA).

ATM Service IMA Customer Connection Speed	Quantity of 1.536 Mbps Broadband Line Services Required
3.072 Mbps	**2**
4.608 Mbps	**3**
6.144 Mbps	**4**
7.680 Mbps	**5**
9.216 Mbps	**6**
10.752 Mbps	**7**
12.288 Mbps	**8**

Note 1: Effective 11/4/2002, Fast Packet Option 128 Kbps (2B1Q) is not available for new installations, moves or changes.

A40. FAST PACKET TRANSPORT SERVICES

A40.5 Broadband Line Service (Cont'd)

A40.5.3 Fast Packet Option (FPO) (Cont'd)

A. General (Cont'd)

4. The Broadband Line Extension-FPO may be used by the customer for other specific functions besides connecting the customer's Serving Wire Center to a Serving Area Point such as specified in ***paragraphs*** A40.1.2.C.5.a and A40.8.2.C.4.a. Also**,** when the Fast Packet Option is provided in association with MegaLink channel service to connect customer locations to Frame Relay Service or ATM Structured Circuit Emulation Service, the Broadband Line Extension-FPO may be used. This use occurs if the Central Office where the channelization is performed for MegaLink channel service is not a Frame Relay Service or ATM Service Serving Area Point, then a Broadband Line Extension-FPO is required to connect the Central Office where the channelization occurs to the closest Serving Area Point. (T)
5. The Fast Packet Option may be provided in association with MegaLink channel service to connect a customer location to Frame Relay Service. Rates, ***terms, conditions*** and charges for MegaLink channel service are provided in B7.3 of the Private Line ***Guidebook***. DS1 facilities being channelized via MegaLink channel service to be associated with the Fast Packet Option must be provisioned with Bipolar with 8 Zero Substitution (B8ZS) and Extended Superframe (ESF) if such service is to support a customer connection that is 64 Kbps or a higher speed that is a multiple of 64 Kbps. (T)
6. The Fast Packet Option operating at a transmission speed of 1.536 Mbps must be provisioned with Bipolar with 8 Zero Substitution (B8ZS) and Extended Superframe (ESF) if such service is to support a customer connection that is 64 Kbps or a higher speed that is a multiple of 64 Kbps.
7. If, prior to fulfilling the period of a contract plan, the customer requests a change in transmission speed on a Fast Packet Option (to a higher or lower speed***)***, a Termination Liability Charge will not be applied, if at the date of termination the applicable conditions set forth in ***paragraphs*** A40.10.2 and A40.10.4.B are satisfied. (T)

   Prior to fulfilling the period of a contract plan, the customer may request a change 1) to a lower speed ATM IMA Customer Connection, 2) to a lower speed Frame Relay MultiLink Customer Connection or 3) from an ATM IMA or Frame Relay MultiLink Customer Connection to an ATM or Frame Relay Subrate T3 or 44.210 Mbps Customer Connection (all of which will require the disconnect of a quantity of 1.536 Mbps Broadband Line Services). A Termination Liability Charge will not be applicable for such requests, if at the date of termination the applicable conditions set forth in ***paragraph*** A40.10.4.B are satisfied. (T)
8. One-half of the nonrecurring charge(s) for the applicable rate elements in ***paragraphs*** A40.5.3B.1 and A40.5.3B.2 apply if the customer requests a change in transmission speed on a Fast Packet Option (to a higher or lower speed). (T)
9. Contract Plans
   a. Contract Plans are available under conditions specified in the Fast Packet Services Payment Plan in Section A40.10 with contract periods described as follows: (T)
      (1) Term Payment Plan A - payment periods may be selected from 12 to 36 months.
      (2) Term Payment Plan B - payment periods may be selected from 37 to 60 months.
10. The Fast Packet Option may be provided in association with SMARTRing service to connect a customer location to Frame Relay Service or ATM Service. Rates, ***terms, conditions*** and charges for SMARTRing service are provided in B7.7 of the Private Line ***Guidebook***. (T)
11. The Fast Packet Option operating at a transmission speed of 149.760 Mbps or 599.040 Mbps is fiber optic based.

A40. FAST PACKET TRANSPORT SERVICES

A40.5 Broadband Line Service (Cont'd)

A40.5.3 Fast Packet Option (FPO) (Cont'd)

A. General (Cont'd)

12. Specifications for the Fast Packet Option operating at a transmission speed of 128 Kbps[1] using 2B1Q technology are contained in the following documents:
    - ANSI T1.601, "Integrated Services Digital Network (ISDN) Basic Access Interface for Use on Metallic Loops for Application on the Network Side of the NT (Layer 1 Specification)". This document may be ordered from:
      American National Standards Institute Inc.
      11 W. 42nd Street
      New York, New York 10036
    - Bell Communication Research TR-TSY-000829. "Operations Technology Generic Requirements (OTGR): Generic Operations Interfaces Embedded Operations Channels". This document may be ordered from:
      Telcordia - Customer Services (T)
      1 Telcordia Drive - Room 3C183 (T)
      Piscataway, New Jersey 08854 (T)
13. A 128 Kbps Frame Relay Service Customer Connection may interface with a Fast Packet Option operating at a transmission speed of either 128 Kbps[1] (2B1Q) or 1.536 Mbps. If an Extension capability operating at 128 Kbps[1] is necessary, two 64 Kbps Broadband Line Extensions are required.

B. Rates and Charges for the Fast Packet Option

	Nonrecurring Charge	Month To Month	A 12 to 36 Months	B 37 to 60 Months	USOC
1. Broadband Line-FPO					
(a) 56 Kbps	**$465.00**	**$ 80.00**	**$ 71.00**	**$ 61.00**	**FP156**
(b) 64 Kbps	**465.00**	**80.00**	**71.00**	**61.00**	**FP164**
(c) 128 Kbps (2B1Q) (Obsoleted – See Section A140.5)					
(d) 1.536 Mbps	**480.00**	**155.00**	**146.00**	**136.00**	**FP115**
(e) 44.210 Mbps	**1,000.00**	**1,500.00**	**1,400.00**	**1,300.00**	**FP144**
(f) 149.760 Mbps	**1,800.00**	**2,550.00**	**2,200.00**	**2,000.00**	**FP114**
(g) 599.040 Mbps	**3,600.00**	**5,100.00**	**4,335.00**	**3,900.00**	**FP159**
2. Broadband Line Extension-FPO					
a. An Extension less than 20 miles					
(1) Per Extension					
(a) 56 Kbps	**80.00**	**25.00**	**20.00**	**15.00**	**FPC56**
(b) 64 Kbps	**80.00**	**25.00**	**20.00**	**15.00**	**FPC64**
(c) 1.536 Mbps	**125.00**	**165.00**	**125.00**	**95.00**	**FPC15**
(d) 44.210 Mbps	**350.00**	**1,725.00**	**1,640.00**	**1,550.00**	**FPC44**
(e) 149.760 Mbps	**750.00**	**5,000.00**	**4,610.00**	**4,350.00**	**FPC14**
(f) 599.040 Mbps	**1,500.00**	**12,505.00**	**11,525.00**	**10,875.00**	**FPC59**

Note 1: Effective 11/4/2002, Fast Packet Option 128 Kbps (2B1Q) is not available for new installations, moves or changes.

A40. FAST PACKET TRANSPORT SERVICES

A40.5 Broadband Line Service (Cont'd)

A40.5.3 Fast Packet Option (FPO) (Cont'd)

B. Rates and Charges for the Fast Packet Option (Cont'd)

2. Broadband Line Extension-FPO (Cont'd)

	Nonrecurring Charge	Month To Month	A 12 to 36 Months	B 37 to 60 Months	USOC
b. An Extension 20 - 50 miles					
(1) Per Extension					
(a) 56 Kbps	**$ 80.00**	**$ 35.00**	**$ 28.00**	**$ 20.00**	**FPD56**
(b) 64 Kbps	**80.00**	**35.00**	**28.00**	**20.00**	**FPD64**
(c) 1.536 Mbps	**125.00**	**285.00**	**215.00**	**145.00**	**FPD15**
(d) 44.210 Mbps	**350.00**	**2,600.00**	**2,480.00**	**2,350.00**	**FPD44**
(e) 149.760 Mbps	**750.00**	**6,785.00**	**6,250.00**	**5,900.00**	**FPD14**
(f) 599.040 Mbps	**1,500.00**	**14,890.00**	**13,725.00**	**12,950.00**	**FPD59**
c. An Extension 51 - 75 miles					
(1) Per Extension					
(a) 56 Kbps	**80.00**	**55.00**	**43.00**	**30.00**	**FPE56**
(b) 64 Kbps	**80.00**	**55.00**	**43.00**	**30.00**	**FPE64**
(c) 1.536 Mbps	**125.00**	**385.00**	**290.00**	**195.00**	**FPE15**
(d) 44.210 Mbps	**350.00**	**3,310.00**	**3,150.00**	**2,995.00**	**FPE44**
(e) 149.760 Mbps	**750.00**	**7,935.00**	**7,310.00**	**6,900.00**	**FPE14**
(f) 599.040 Mbps	**1,500.00**	**17,075.00**	**15,740.00**	**14,850.00**	**FPE59**
d. An Extension 76 - 100 miles					
(1) Per Extension					
(a) 56 Kbps	**80.00**	**65.00**	**50.00**	**35.00**	**FPF56**
(b) 64 Kbps	**80.00**	**65.00**	**50.00**	**35.00**	**FPF64**
(c) 1.536 Mbps	**125.00**	**505.00**	**380.00**	**255.00**	**FPF15**
(d) 44.210 Mbps	**350.00**	**4,025.00**	**3,825.00**	**3,635.00**	**FPF44**
(e) 149.760 Mbps	**750.00**	**9,140.00**	**8,425.00**	**7,950.00**	**FPF14**
(f) 599.040 Mbps	**1,500.00**	**19,290.00**	**17,780.00**	**16,775.00**	**FPF59**
e. An Extension 101 - 115 miles					
(1) Per Extension					
(a) 56 Kbps	**80.00**	**75.00**	**58.00**	**40.00**	**FPG56**
(b) 64 Kbps	**80.00**	**75.00**	**58.00**	**40.00**	**FPG64**
(c) 1.536 Mbps	**125.00**	**605.00**	**455.00**	**305.00**	**FPG15**
(d) 44.210 Mbps	**350.00**	**4,395.00**	**4,180.00**	**3,970.00**	**FPG44**
(e) 149.760 Mbps	**750.00**	**9,890.00**	**9,115.00**	**8,600.00**	**FPG14**
(f) 599.040 Mbps	**1,500.00**	**21,530.00**	**19,845.00**	**18,725.00**	**FPG59**

A40.6 Reserved for Future Use

A40.7 Reserved for Future Use

A40.8 Asynchronous Transfer Mode (ATM) Service (Obsoleted, See Section A140) (M)

Pages 10.9.1 through 10.9.8 are hereby deleted in their entirety and removed from this Guidebook. (N)

A40. FAST PACKET TRANSPORT SERVICES

A40.9 Miscellaneous Charges For Fast Packet Transport Services

A40.9.1 General

A. The miscellaneous charges provided herein are only applicable to specific Fast Packet Transport Services if so indicated in that service's respective subsection of this ***Guidebook*** (e.g., the subsections governing Frame Relay Service, Broadband Line Service and ATM Service specifically indicate charges herein A40.9.1 are applicable). The ***terms, conditions*** and miscellaneous charges herein apply for customer requested changes of service installation[1] due dates and customer requested cancellation of service installation orders. ***Terms, conditions*** and miscellaneous charges herein do not apply for customer requested due date changes or cancellation requests which involve only non-design service such as the addition of features to existing service or a change to an existing feature (e.g., DLCIs, CIR, PVCs, SVCs, etc.). (T)

A40.9.2 Due Date Change Charges

A. Upon customer request, the due date for service installation may be changed after an initial service order is issued.

B. When the customer requests a new due date for service installation, the customer will not be charged for the first such due date change request. For each subsequent request(s) for the due date to be changed, the customer will be billed a service installation Due Date Change Charge as set forth in ***paragraph*** D (except under the conditions provided in ***paragraph*** C. (1)). (T)

C. When the customer requests a new due date for service installation that is 30 or more calendar days beyond the original due date for installation, the customer has the choice of the following options:

1. The service order is cancelled and charges set forth in A40.9.4 will apply, or (T)
2. Billing for the service will commence on the 31st day beyond the original service date; if this is a subsequent request for the due date to be changed, the service installation Due Date Change Charge will also apply.

D. The Due Date Change Charge will apply as specified in ***paragraphs*** B and C. The applicable charge is: (T)

(1) Due Date Change Charge

	Charge	USOC
(a) per request (after initial request)	**$200.00**	**FPTDD**

A40.9.3 Expedite Request Charges

A. Upon customer request, the Company will perform the work required to determine if a due date for a service installation can be provided that is in advance of the Company's stated standard installation interval for such service. Such requests shall be referred to as expedite requests, and all such requests shall incur an Expedite Request Charge whether or not the Company can meet the expedited due date desired by the customer. The Expedite Request Charge is in addition to all other applicable nonrecurring charges and applies on a per occurrence basis per service order. The applicable charge is:

(1) Expedite Request Charge

	Charge	USOC
(a) per request	**$200.00**	**FPTER**

Note 1: The term "service installation" as used herein is defined as a request involving designed service (i.e., a new service installation or a move or physical rearrangement of an existing service).

A40. FAST PACKET TRANSPORT SERVICES

A40.10 Fast Packet Services Payment Plan

A40.10.1 General

A. The ***terms and conditions*** specified herein are applicable to specific services as indicated in each service's respective subsection of this Guidebook. All of these services are included in this Section of this Guidebook (A40. - Fast Packet Transport Services). (T)

B. Services furnished under the Fast Packet Services Payment Plan (Fast Packet SPP) 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 Fast Packet SPP is a payment plan which allows customers to pay fixed or variable rates for Fast Packet Transport Services over variable contractual payment periods. A specific monthly rate applies for the duration of each period.

Payment periods for each Fast Packet Transport Service will be described in that service's specific guidebook section. The following is an example of the manner in which those payment periods will be described. The following should also be used as a reference for any examples depicted in this Section (A40.10).

1. Term Payment Plan A - payment periods may be selected from 12 months to 24 months in length.
2. Term Payment Plan B - payment periods may be selected from 25 months to 48 months in length.[1]

D. When the customer orders service to be provided under a Fast Packet SPP arrangement, the customer must designate to the Company the payment plan and the service period desired, e.g. Term Payment Plan B and 36 months.

A40.10.2 Application of Rates and Charges

A. Rates stabilized under a Fast Packet SPP arrangement are exempt from Company initiated increases; however decreases to any rate element will automatically flow through to the customer.

B. Termination Liability Charge

1. 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 Liability Charge unless specifically stated otherwise in that service's guidebook..
2. **(DELETED)** (D)
3. For term plans entered into on or after April 3, 2001, a customer's liability for the termination of service prior to the time the customer's obligations under the term plan would have otherwise been satisfied are set forth in ***paragraph*** A2.4.10.E. (T)

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 Secondary Service Charge will not be applicable for such renewals or changes to the payment period.

D. Customer requests for inside moves of service will not affect the contract period.

E. A change in jurisdiction will not constitute a disconnect of service provided the new Fast Packet SPP arrangement is at least the minimum number of months allowable under Term Payment Plan A (as defined in the Fast Packet Transport Service's specific ***guidebook*** section) or equals/exceeds the remaining service period, whichever is greater, provided the new Fast Packet SPP arrangement is for the same customer at the same location for the same capacity service. (T)

Note 1: Effective November 15, 2013, customers may not establish new term plans greater than 36 months for BellSouth Metro Ethernet Service described in A40.13, and existing term plans greater than 36 months may not be renewed or extended for a term greater than 36 months.

A40. FAST PACKET TRANSPORT SERVICES

A40.10 Fast Packet Services Payment Plan (Cont'd)

A40.10.3 Additions

A. Additions of services or rate elements - e.g., Ports - must be under a new Fast Packet SPP arrangement at rates and charges as specified in A40.10.2. (T)

B. Termination charges for premature disconnection of added contractual services will apply as set forth under Disconnects in A40.10.4. (T)

C. Additions under Fast Packet SPP 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.

D. Installation, Service Charges, service establishment, and any other nonrecurring charges, as specified in this ***Guidebook***, will apply to the added services. (T)

A40.10.4 Disconnects

A. When a service or rate element, included under a Fast Packet SPP arrangement, is disconnected prior to expiration of the selected service period, Termination Liability Charges may apply as set forth in A40.10.2. Remaining services or rate elements will not be affected by such disconnections. (T)

B. When a service under a Fast Packet SPP arrangement is disconnected prior to the expiration of a selected service period as a result of a customer requested changes of a FastPacket Transport Service which is specifically allowed without Termination Liability Charge as set forth in that service's ***guidebook*** or of a change of jurisdiction, Termination Liability Charges will not apply when: (T)

- the completed service period is at least the minimum number of months allowable under the specific service's Term Payment Plan A or twenty-five percent of the length of the originally selected Fast Packet SPP service period, whichever is greater, and
- the service period of the new Fast Packet SPP arrangement is at least the minimum number of months allowable under Term Payment Plan A (as defined in the service's specific ***guidebook*** section) or equals/exceeds the remaining service period of the disconnected arrangement, whichever is greater, and (T)
- the service orders to install the new service and disconnect the old service are related together and there is no lapse in service between installation of the new service and disconnection of the existing, and
- the service orders are for the same customer at the same location.

A40.10.5 Requests for Changes in Length of Optional Payment Period

A. Subsequent to the establishment of a contract with a Fast Packet SPP 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:
   a. No credit will be given for payments made during the formerly selected period.
   b. The new payment period begins with the new Fast Packet SPP effective date.
   c. No termination charge applies for the remaining portion of the former payment period.
   d. Nonrecurring charges will not be reapplied.
   e. A Secondary Service 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:
   a. No credit will be given for payments made during the formerly selected period.
   b. The new payment period begins with the new Fast Packet SPP effective date.

A40. FAST PACKET TRANSPORT SERVICES

A40.10 Fast Packet Services Payment Plan (Cont'd)

A40.10.7 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 Fast Packet SPP arrangement. The new customer will be subject to all provisions and equipment configurations currently in effect for the previous customer. ***Terms and conditions*** concerning transfer of service between subscribers as stated in other sections of this ***Guidebook*** also apply under Fast Packet SPP. (T)

A40.10.8 Deferred Payment

A. Payment of nonrecurring charges for Fast Packet 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 below:

1. The charge 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 ***paragraph*** 1 may be deferred. (T)
4. The minimum amount deferrable per Fast Packet SPP arrangement is $2000.00.
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 payments will be revised periodically by the Company. If, in the judgment of the Company, the maximum interest rate allowed by law is insufficient to cover the costs of providing the deferred payment option, the Company will suspend the availability of said option until such time as the costs of providing said option can be recovered through the applications of a lawful 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 prior to expiration of the selected deferral period.
   - Fails to pay a monthly amount within thirty days of its due date.
   - Moves a service under Fast Packet SPP to another location in Company territory within the same state and jurisdiction, 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.

A40.10.9 Prepayment

A. For payment period 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 factor to be used for each month prepaid will be revised periodically by the Company.

A40. FAST PACKET TRANSPORT SERVICES

A40.10 Fast Packet Services Payment Plan (Cont'd)

A40.10.9 Prepayment (Cont'd)

A. (Cont'd)

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 coterminous 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 A40.10.4. (T)
4. Customers who prematurely disconnect will have termination charges deducted from the prepaid amount and any balance credited to their bill.

A40.10.10 Exception to Termination Liability for State, County, and Municipal Governments

A. In the event that all or any part of the 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 this ***Guidebook***. The ***Guidebook*** provisions concerning termination liability for recurring charges only shall not be applicable to any state, county, or municipal governmental entity when there is in effect, as a result of action by such entity and through a duly constituted legislative, administrative, or executive body: (T)

1. a statute;
2. an ordinance;
3. a policy directive;
4. a constitutional provision which restricts or prohibits an additional contractual payment for early termination of a contract by any such entity, or agency thereof, due to an unavailability of funding. When service is being provided and funding to the governmental entity for such service becomes unavailable, the governmental entity may cancel the service without additional payment obligation. Provided, however, that if the governmental entity cancels the service for any reason other than the unavailability of funds, the termination liability provisions in the ***Guidebook*** shall apply. (T)

A40.10.11 Moves of Service(s) Under Fast Packet SPP

A. Termination Liability Charges will not apply to customer requests for moves of service under Fast Packet SPP 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 thirty days of the original premises disconnect date.
3. No lapse in billing will occur for moves of service under Fast Packet SPP.
4. Orders to disconnect the existing service and re-establish it at the new location must be related.
5. Any rate elements - such as, Ports - from the original location that are not re-established at the new location will be subject to applicable Termination Liability Charges.
6. Any additions made at the new location will be treated as coterminous additions in accordance with A40.10.3. (T)
7. All ***terms, conditions*** and charges for changes made to the service coincident to that move shall apply. (T)

A40. FAST PACKET TRANSPORT SERVICES

A40.10 Fast Packet Services Payment Plan (Cont'd)

A40.10.11 Moves of Service(s) Under Fast Packet SPP (Cont'd)

A. Termination Liability Charges will not apply to customer requests for moves of service under Fast Packet SPP from one location to another location subject to the following: (Cont'd)

8. All appropriate nonrecurring charges for moves of service as specified in this ***Guidebook*** will apply. (T)
9. Moves of service that involve a change of jurisdiction, e.g., intraLATA to intrastate, intrastate to interstate, etc., will not be treated as a disconnect of service with regard to Termination Liability Charge application. The customer must subscribe to a payment arrangement offered in the appropriate interstate tariff which is at least the minimum number of months allowable under Term Payment Plan A (as defined in the Fast Packet Transport Service's specific ***guidebook*** section) or equals/exceed the remaining contract period, whichever is greater. (T)

A40.11 BellSouth Video Conferencing Service (Obsoleted, See Section A140)

A40.12 Customer Network Management (Obsoleted, See Section A140) (M)

Pages 17 through 25 are hereby deleted in their entirety and removed from this Guidebook. (N)

A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service

A40.13.1 General

A. BellSouth Metro Ethernet Service is a high-speed packet transport that is based on Ethernet transmission parameters.

B. BellSouth Metro Ethernet Service provides various transport capabilities that range from 2 Mbps through 1 Gbps with capabilities for basic, premium and virtual arrangements that may be used to meet individual customer needs.

C. BellSouth Metro Ethernet Service signals meet IEEE 802.3, 802.3u, or 802.3z standards. BellSouth Metro Ethernet Service also uses 802.1Q VLAN tagging and stacking for certain service configurations contained herein. Technical requirements for interfaces with customer premises equipment (CPE) are contained in ANSI/IEEE 802.3 Specifications. These technical documents may be ordered from:

American National Standards Institute
11 West 42nd Street
New York, New York 10036

D. Technical Reference TR-73632 - Metro Ethernet Interface Specifications may be ordered from:

Documentation Service Center (T)
3535 Colonnade Parkway – NW5B
Birmingham, AL 35243

Technical limitations associated with provisioning 2 Mbps, 4 Mbps and 8 Mbps BellSouth Metro Ethernet Connections based upon distance from the customer's premises to serving wire center and equipment configurations exist and are also set forth in TR-73632.

E. BellSouth Metro Ethernet Service, as provided under the provisions of this section, is offered for intraLATA use only.

F. The ***terms, conditions*** and rates specified herein are in addition to the applicable ***terms, conditions*** and rates specified in other sections of this and other guidebooks of the Company. (T)

G. The rates and charges set forth for BellSouth Metro Ethernet Service provide for the furnishing of service in certain metropolitan areas. In locations where BellSouth Metro Ethernet Service is not available, special construction charges may apply as set forth in Section A5.

H. For BellSouth Metro Ethernet Service, the Due Date Change Charge, Expedite Request Charge and Cancellation Charge, as defined in A40.9 are applicable.

A40.13.2 *Terms and Conditions* (T)

A. Explanation of Terms

1. Metro Ethernet
   Metro Ethernet is a service where Local Area Networks (LANs) send bi-directional Ethernet traffic to other LANs on an Ethernet Wide Area Network (WAN). Ethernet is one of the most widely deployed LAN/WAN standards. BellSouth Metro Ethernet Service supports IEEE Standard 802.3, 802.3u and 802.3z transmission standards.
2. Local Area Network (LAN)
   LAN is a communications network spanning a limited geographical area. A LAN connects computers and other peripheral equipment for data communications purposes within a building or campus environment.
3. Virtual Local Area Network (VLAN)
   A virtual local area network (VLAN) is a logical grouping of Metro Ethernet connections that allows data transmission between such connections to occur as if all connections are on the same physical LAN.

A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 *Terms and Conditions* (Cont'd) (T)

A. Explanation of Terms (Cont'd)

4. Basic BellSouth Metro Ethernet Service Connection

Provides 2 Mbps, 4 Mbps, 8 Mbps, 10 Mbps, 100 Mbps and 1 Gbps Ethernet capabilities that are a part of a BellSouth Metro Ethernet Service network within a metropolitan area. Basic BellSouth Metro Ethernet Service is a best effort service with service capabilities that are affected by overall traffic on the Basic BellSouth Metro Ethernet Service network and is suitable for data transmission only.

A Basic BellSouth Metro Ethernet Service Connection operating at any of these speeds is capable of interconnecting with other Basic BellSouth Metro Ethernet Service Connections that are operating at any of these speeds in the same metropolitan area.

A Basic BellSouth Metro Ethernet Service Connection provides data channel transport that connects customer premises[1] that are 10 miles or less in distance from the BellSouth Metro Ethernet Service wire center associated with the Basic BellSouth Metro Ethernet Service Connection. Customer locations[1] greater than 10 miles from the BellSouth Metro Ethernet Service wire center require BellSouth Metro Ethernet Service Additional Mileage charges.

5. Premium BellSouth Metro Ethernet Service Connection

Provides 2 Mbps, 4 Mbps, 8 Mbps, 10 Mbps, 20 Mbps, 50 Mbps, 100 Mbps, 250 Mbps, 500 Mbps and 1000 Mbps Ethernet capabilities that are a part of a BellSouth Metro Ethernet Service network within a metropolitan area. Premium BellSouth Metro Ethernet Service provides the ability to order Ethernet Service with improved service characteristics to meet customer needs regarding the assurance of bandwidth availability.

Premium BellSouth Metro Ethernet Service provides customers capabilities to assure service characteristics via ordering a Committed Bandwidth (CBW). A CBW is the minimum bandwidth across the BellSouth Metro Ethernet Service network within a metropolitan area between a customer's Premium BellSouth Metro Ethernet Service locations.

Premium BellSouth Metro Ethernet Service Connections are available with "Fixed" and "Burst" capabilities[2]. With the Fixed arrangement, Premium BellSouth Metro Ethernet Service Connections will have the bandwidth ordered (e.g., 10 Mbps) available across the BellSouth Metro Ethernet Service network. With the Burst arrangement, Premium BellSouth Metro Ethernet Service Connections will have the ability to send burst of data above their CBW rate, if network capacity and facilities are available. For example a 10 Mbps, a 20 Mbps and a 50 Mbps Connection may Burst up to 100 Mbps, while a 100 Mbps, a 250 Mbps and a 500 Mbps Connection may Burst up to 1 Gbps.

A Premium BellSouth Metro Ethernet Service Connection operating at any of these speeds is capable of interconnecting with other Premium BellSouth Metro Ethernet Service Connections that are operating at any of these speeds in the same metropolitan area.

Premium BellSouth Metro Ethernet Service Connection provides data channel transport that connects a customer premises[1] that are 10 miles or less in distance from the BellSouth Metro Ethernet Service wire center associated with the Premium BellSouth Metro Ethernet Service Connection. Customer locations[1] greater than 10 miles from the BellSouth Metro Ethernet Service wire center require BellSouth Metro Ethernet Service Additional Mileage charges.

6. (DELETED)

Note 1: And as alternatively set forth in ***paragraph*** A40.13.2.C.11. (T)

Note 2: Premium Connections at 2 Mbps, 4 Mbps and 8 Mbps are not available with "Burst" capability.

A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 *Terms and Conditions* (Cont'd) (T)

A. Explanation of Terms (Cont'd)

7. Virtual BellSouth Metro Ethernet Service Connection

   Provides 2 Mbps, 4 Mbps, 8 Mbps, 10 Mbps, 20 Mbps, 50 Mbps, 80 Mbps, 100 Mbps, 200 Mbps, 300 Mbps, 450 Mbps, 600 Mbps, 750 Mbps, 900 Mbps and 1000 Mbps Ethernet capabilities that are a part of a BellSouth Metro Ethernet Service network within a metropolitan area. Virtual BellSouth Metro Ethernet Service provides the ability to order Ethernet Service where a single customer connection can support multiple applications with varying Quality of Service (QoS) features and Classes of Service.

   Virtual BellSouth Metro Ethernet Service provides customer capabilities to support different Classes of Service (CoS) (i.e., Real-Time, Interactive, Business Critical and Best Effort as described in ***paragraph*** (13)) over the same Connection and offers customers increased flexibility to match bandwidth to their real needs for voice/data/video applications on each Connection. The customer orders the percentage of their Virtual BellSouth Metro Ethernet Service Connection bandwidth that will be allocated for each class of service. (T)

   For each Virtual Connection, the customer's bandwidth will be limited to the fixed speed associated with each CoS level specified in the CoS profile selected for the Virtual Connection.

   A Virtual BellSouth Metro Ethernet Service Connection operating at any of these speeds is capable of interconnecting with other Virtual BellSouth Metro Ethernet Service Connections that are operating at any of these speeds in the same metropolitan area.

   A Virtual BellSouth Metro Ethernet Service Connection provides data channel transport that connects customer premises[1] that are 10 miles or less in distance from the BellSouth Metro Ethernet Service wire center associated with the Virtual BellSouth Metro Ethernet Service Connection. Customer locations[1] greater than 10 miles from the Virtual BellSouth Metro Ethernet Service wire center also require BellSouth Metro Ethernet Service Additional Mileage charges.

8. BellSouth Metro Ethernet Service Independent Company (ICO) Trunk Connection

   Provides interconnection between BellSouth's Ethernet network and the Ethernet network of an Independent Telephone Company. A BellSouth Metro Ethernet Service ICO Trunk Connection provides data channel transport for connections that are 10 airline miles or less in distance from the BellSouth Metro Ethernet Service ICO Trunk Connection wire center to the meet-point with the Independent Company. Meet-point locations greater than 10 airline miles from the BellSouth Metro Ethernet Service ICO Trunk Connection wire center also require BellSouth Metro Ethernet Service ICO Trunk Additional Mileage charges.

9. BellSouth Metro Ethernet Service Additional Mileage Charges

   Additional mileage charges associated with a BellSouth Metro Ethernet Service Connection apply when the total distance from the customer premises[1] to the BellSouth Metro Ethernet Service wire center associated with the service serving the customer's premises[1] is greater than 10 miles in length. The additional mileage is measured in airline miles from the customer premises to the BellSouth Metro Ethernet Service wire center associated with the BellSouth Metro Ethernet Service. Fractions of miles will be considered as a whole mile.

   BellSouth Metro Ethernet Service Additional Mileage Charges apply to Basic, Premium and Virtual BellSouth Metro Ethernet Service based on the service's speed and the total distance associated with the data channel. The BellSouth Metro Ethernet Service Additional Mileage Charge is based on the mileage band the total data channel mileage falls into. For example, a data channel that is 30 miles in length would be charged the additional mileage rate for the greater than 25 mile through 35 mile band.

10. BellSouth Metro Ethernet Service Independent Company (ICO) Trunk Additional Mileage Charges

    Additional mileage charges associated with a BellSouth Metro Ethernet Service ICO Trunk Connection apply when the total distance from the BellSouth Metro Ethernet Service ICO Trunk Connection wire center to the meet-point with the Independent Company is greater than 10 miles in length. The additional mileage is measured in airline miles from the BellSouth Metro Ethernet Service wire center associated with the BellSouth Metro Ethernet Service ICO Trunk Connection to the Independent Company meet-point. Fractions of miles will be considered as a whole mile.

Note 1: And as alternatively set forth in ***paragraph*** A40.13.2.C.11. (T)

A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 *Terms and Conditions* (Cont'd) (T)

A. Explanation of Terms (Cont'd)

11. Metro Ethernet Customer Network

A Metro Ethernet Customer Network is defined as the set of interconnected Metro Ethernet connections assigned to the same VLAN within the ***Company's*** core network. Premium Connections that include the Q-Forwarding optional feature and Virtual Connections that include the VLAN Aggregation optional feature may be part of more than one Metro Ethernet Customer Network. (T)

12. Priority Plus

Customers with Premium BellSouth Metro Ethernet Service, as an optional feature, may order the ability to prioritize their traffic in accordance with a predefined hardware queue model approach. With this option, customers will assign priority values to their data and higher-priority data will be transmitted first. Priority Plus service traffic is limited to a small subset of the total Committed Bandwidth (CBW) traffic and is marked for expedited handling within the Metro Ethernet Service. Customers that desire Priority Plus must establish it for all of their Premium BellSouth Metro Ethernet Service connections within that Metro Ethernet Customer Network.

13. Q-Forwarding

Customers with a Premium BellSouth Metro Ethernet Service Arrangement may order the Q-Forwarding feature. Q-Forwarding provides VLAN aggregation across a common physical connection. This feature supports customer aggregation of traffic from multiple remote customer locations. This aggregated traffic can be transported back to a central location and across a common Premium Metro Ethernet Service interface. Q-Forwarding utilizes IEEE 802.1Q VLAN Tagging procedures.

While Q-Forwarding is available with BellSouth Premium Metro Ethernet Connections at 2 Mbps, 4 Mbps and 8 Mbps, this feature is subject to technical limitations set forth in Technical Reference 73632 when used with these speed connections.

With Q-Forwarding, special technical considerations set forth in Technical Reference 73632 must be taken into account to determine the customer's CBW across their BellSouth Metro Ethernet Network.

The Q-Forwarding Service Establishment Charge is a charge to provision a Premium Metro Ethernet Connection with the Q-Forwarding feature and identify it as the host connection or the "aggregator" connection.

The Q-Forwarding Network Assignment Charge is a charge to provision any remote Premium connection to the Q-Forwarding host "aggregator" connection. The Q-Forwarding Network Assignment Charge applies for each remote Metro Ethernet Customer Network (VLAN) connected to the Q-Forwarding host "aggregator" connection.

14. VLAN Aggregation

Customers with a Virtual BellSouth Metro Ethernet Service Arrangement may order the VLAN Aggregation feature. VLAN Aggregation provides VLAN aggregation across a common physical connection. This feature supports customer aggregation of traffic from multiple remote customer locations. This aggregated traffic can be transported back to a central location and across a common Virtual Metro Ethernet Service interface. VLAN Aggregation utilizes IEEE 802.1Q VLAN Tagging procedures.

While VLAN Aggregation is available with BellSouth Virtual Metro Ethernet Connections at 2 Mbps, 4 Mbps and 8 Mbps, this feature is subject to technical limitations set forth in Technical Reference 73632 when used with these speed connections.

The VLAN Aggregation Service Establishment Charge is a charge to provision a Virtual Metro Ethernet Connection with the VLAN Aggregation feature and identify it as the host connection or the "aggregator" connection.

The VLAN Aggregation Network Assignment Charge is a charge to provision any remote Virtual connection to the VLAN Aggregation host "aggregator" connection. The VLAN Aggregation Network Assignment Charge applies for each remote Metro Ethernet Customer Network (VLAN) connected to the VLAN Aggregation host "aggregator" connection.

A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 *Terms and Conditions* (Cont'd) (T)

A. Explanation of Terms (Cont'd)

15. Class of Service (CoS) Profile

For each Virtual BellSouth Metro Ethernet Connection the customer must decide the mix of applications that will be supported on that Connection, the CoS mix that Virtual Connection must support, and the percentage of bandwidth to be assigned for each CoS (i.e., build a CoS profile for each Virtual Connection). The customer's bandwidth will be limited to the fixed speed associated with each CoS level. Therefore, total bandwidth available to support transmission of a specific CoS will depend upon the size of the customer's Connection and the specific CoS percentage the customer selected for that Connection.

A customer may request a single CoS or up to four CoS to build the CoS Profile for a Virtual Connection. The customer determines the percentage bandwidth each CoS selected should be of the total Virtual Connection's bandwidth. The sum of the percentages for each CoS selected for a Virtual Connection must equal 100%. Additionally, the combined CoS bandwidth percentages selected in a customer's CoS Profile for Real-Time CoS plus Interactive CoS may not exceed 50%, except where the customer selects the 70% Real-Time CoS bandwidth percentage and has no Interactive traffic.

A customer may select different CoS profiles for different Virtual Connections that share the same network VLAN, or Virtual Connection network arrangement. However, technical limitations exist, as discussed in TR-73632, that limit the total number of different CoS profiles that can be utilized in a single Virtual Connection network arrangement.

The CoS and percentage bandwidth selected for a Virtual Connection will define the applications that can be supported and its Quality of Service (QoS) attributes such as traffic priority, latency, packet loss rate, etc. QoS attributes are defined for each CoS. Each Virtual Connection will support Ethernet traffic representing one or more applications and CoS. Virtual Connections support the four following CoS:

- Real-Time[1]: This CoS supports VoIP applications. The Real-Time CoS is supported by a low latency queue. The Low Latency Queuing (LLQ) feature in the Ethernet network is used for support of the Real-Time CoS.
- Interactive[1]: This CoS supports interactive Video applications. The Interactive CoS is policed to a maximum bandwidth.
- Business Critical: This CoS supports mission-critical business data applications. These applications tend to be data specific and may include medical imaging, electronic funds transfer, medical records transfer, etc.
- Best-Effort: This CoS is the default CoS for all other traffic that is not defined as Business Critical, Real-Time or Interactive. Traffic that does not match the other CoS will be mapped as Best Effort. Traffic with the Best Effort CoS will have the lowest priority on the network and will support lower priority data applications, such as email and file transfer protocol (FTP).

Each customer packet from a Virtual Connection will be classified and assigned to a specific CoS by methods identified in TR-73632.

Note 1: The combined CoS bandwidth percentages selected in a customer's Virtual Connection CoS Profile for Real-Time CoS plus Interactive CoS may not exceed 50%, except where the customer selects the 70 Real-Time CoS bandwidth percentage and has no Interactive traffic.

A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 *Terms and Conditions* (Cont'd) (T)

A. Explanation of Terms (Cont'd)

16. Reconfiguration Changes

A customer request to modify a BellSouth Metro Ethernet Service connection subsequent to the establishment of the connection is considered a reconfiguration change. Nonrecurring charges provided for processing certain reconfiguration changes are the Service Reconfiguration Charge and System Reconfiguration Charge. The appropriate reconfiguration charge is dependent upon the physical work required to fulfill the reconfiguration change request and applies as specifically set forth herein in lieu of other BellSouth Metro Ethernet Service nonrecurring charges. Such changes are not treated as disconnects and do not change minimum period requirements.

A Service Reconfiguration Charge is applicable as set forth herein this ***guidebook*** for requests where the work required is a minor change that does not involve changing the physical service type[1]. The Service Reconfiguration Charge is applicable as set forth in ***paragraph*** A40.13.2.C.5.b for a request to change an existing connection to a different connection that is the same physical service type[1] that is a lower order of service per the BellSouth Metro Ethernet hierarchy set forth in ***paragraph*** A40.13.2.C.4. The Service Reconfiguration Charge is also applicable for a request to change an existing Premium connection from fixed mode to burst mode (and vice versa), for a request to add or delete the Priority Plus feature on an existing Premium connection and for a request to change the CoS Profile on an existing Virtual connection. (T)

A System Reconfiguration Charge is applicable as set forth herein this ***guidebook*** for requests where the work required involves changing to a different physical service type[1] or involves major support system changes. The System Reconfiguration Charge is applicable as set forth in ***paragraph*** A40.13.2.C.5.a for requests to change an existing connection to a different connection that is a different physical service type[1] that is a lower order of service per the BellSouth Metro Ethernet hierarchy set forth in ***paragraph*** A40.13.2.C.4. The System Reconfiguration Charge is also applicable to change the network channel terminating equipment (NCTE) interface option from optical to electrical (or vice-versa) and to change the premises powering options from AC power to DC power (or vice-versa). (T)

17. Customer Network Management (CNM) - Metro Ethernet Reporting Charge

Customers with Premium or Virtual Metro Ethernet Service, as an optional feature, may order CNM - Metro Ethernet Reporting that provides customers a view into their BellSouth Metro Ethernet Service Network via a Web interface and Security Card. The CNM - Metro Ethernet Reporting charge provides Alarm Surveillance, Service Level Agreement Reporting, and Performance Reporting for the various network components that comprise the customer's BellSouth Metro Ethernet Service network. It is only available to customers purchasing Premium or Virtual BellSouth Metro Ethernet Service and is charged for each Premium or Virtual Metro Ethernet Service connection.

Note 1: The physical service type/speed of each Metro Ethernet Connection is provided in ***paragraph*** A40.13.2.C.4. (T)

A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 *Terms and Conditions* (Cont'd) (T)

A. Explanation of Terms (Cont'd)

18. CNM - Metro Ethernet Reporting Service Establishment Charge

The Service Establishment Charge is a nonrecurring charge that applies per BellSouth Metro Ethernet Service customer account. This service charge covers the initial establishment of the CNM - Metro Ethernet Reporting account for each customer. A customer with an existing CNM - Metro Ethernet Reporting customer account from another ***Company*** jurisdiction may re-use that customer account. (T)

19. CNM - Metro Ethernet Reporting Web Interface Charge

All customers purchasing CNM - Metro Ethernet Reporting must have a Web Interface. This connection allows the customer to access and monitor their network via the Web. Each web interface provides for one concurrent access; additional concurrent accesses will require additional web interfaces. The first Web Interface is included in the initial installation of the CNM - Metro Ethernet Reporting feature. A monthly charge and a non-recurring charge are applicable for each additional Web Interface connection.

20. Metro Ethernet Security Card Charge

A Security Card is required for each Web Interface. Each security card can only be used for a single concurrent access and can be associated with only one web interface. A Security Card charge will apply for initial and additional cards, or for the issuance of additional cards to replace lost, damaged or expired cards. A nonrecurring charge is applicable per Security Card.

21. Automatic Protection Switching (APS)

Automatic Protection Switching (APS) is an optional feature that provides customers with the option of having data channel survivability through the use of a secondary path that is diverse from the path provided with their primary Metro Ethernet Connection. However, APS is not available for a 2 Mbps, 4 Mbps or 8 Mbps Connection.

22. Service Level Agreements (SLAs)

BellSouth Metro Ethernet Service Customer networks comprised of Premium Connections or Virtual Connections with Metro Ethernet Reporting are provided Service Level Agreements (SLAs) for the Company's repair and performance commitments for this service. Credits are provided for missed commitments on such service. The specific SLA commitments and credits applicable are set forth in Section ***paragraph*** A40.13.2.B.6 for Premium Connections and in ***paragraph*** A40.13.2.B.7 for Virtual Connections. (T)

23. Core Trunk Automatic Failover

Core Trunk Automatic Failover is an optional feature that provides customers with the option to have an Automatic Failover SLA on core trunk protection between BellSouth Metro Ethernet service core network wire centers within a BellSouth Metro Ethernet service metropolitan area.

Core Trunk Automatic Failover is available for use with Basic, Premium and Virtual BellSouth Metro Ethernet Arrangements.

A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 *Terms and Conditions* (Cont'd) (T)

B. Basis of Offering

1. Suspension of service is not allowed.
2. BellSouth Metro Ethernet Service is available 24 hours per day, 7 days per week, except for preventive maintenance.
3. Obligations of customer and Company
   a. The Company is not responsible for the installation, operation, or maintenance of any equipment provided by the customer.
   b. The customer is responsible for the provision and maintenance of all customer provided equipment and to insure that the operating characteristics of this equipment is comparable with and does not interfere with the service offered by the Company.
   c. At the Service Connection point the customer's signals must conform to IEEE Standards 802.3, 802.3u or 802.3z. To meet end-to-end delay requirements contained in these aforementioned standards, the customer may be required to provide additional equipment.
   d. Application testing described in A2.5.11 is not available for BellSouth Metro Ethernet Service components and features. (T)
4. The minimum service period for all BellSouth Metro Ethernet Service components is twelve months. (T)
5. Due to the nature of BellSouth Metro Ethernet Service it will be necessary to perform preventive maintenance and software updates. This will mean that BellSouth Metro Ethernet Service and BellSouth CNM - Metro Ethernet Reporting will be unavailable during the period of time when preventive maintenance is being performed. This could result in BellSouth Metro Ethernet Service and BellSouth CNM - Metro Ethernet Reporting being unavailable during the period of time between 1:00 AM and 5:00AM Eastern Time on any given Thursday or Sunday morning. The Company upon written notice to the customer may adjust the maintenance window.

A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 *Terms and Conditions* (Cont'd) (T)

B. Basis of Offering (Cont'd)

6. Service Level Agreement for Premium BellSouth Metro Ethernet Service

BellSouth Metro Ethernet Service Level Agreements (SLAs) specify the Company's repair and performance commitments for CNM - Metro Ethernet Reporting customers. Credits are provided for missed commitments to Premium customers purchasing the CNM - Metro Ethernet Reporting feature. Credits only apply for portions of service provided by the Company. The following service measurements will outline the service levels the Company will deliver to CNM - Metro Ethernet Reporting customers with Premium Metro Ethernet Connections. Details of the technical measurements and performance results methodologies for each commitment are provided in BellSouth Technical Reference TR-73632.

Repair

- BellSouth Metro Ethernet Service Time-to-Repair[1]
- Repair commitments are measured on a per occurrence basis

Network Service Levels

- BellSouth Metro Ethernet Service Network Availability
- BellSouth Metro Ethernet Service Network Latency
- Network Service Level Commitments are monthly performance measurements

a. SLA Definitions:

BellSouth Metro Ethernet Service Time-To-Repair

- BellSouth Metro Ethernet Service Time-To-Repair measures the outage duration on a customer's connection. This measure will require the customer to report the problem to the ***Company's*** repair center. (T)
- The repair interval will start with the time entered on the trouble ticket and end when fault is re-mediated. The Service Level Commitment measurement will be based on each individual trouble ticket for a Customer Connection. Time for scheduled maintenance windows does not count towards SLA threshold.

BellSouth Metro Ethernet Service Network Availability

- BellSouth Metro Ethernet Service Network Availability measures the percentage of time the customer's service is unavailable on the core network. Core network is defined as being from the Ethernet switch serving the customer's A-end to the Ethernet switch serving the customer's B-end. Customer networks that do not traverse the core network are not eligible for the Network Availability SLA and one will not be provided.
- The Service Level Commitment will be calculated by measuring and summing the outage for each network component used by the customer, divided by the total number of components, times the total service time for a particular calendar month. Excluded from the outage time and service time are scheduled maintenance windows and time the network was unavailable due to circumstances outside the Company's control.

Note 1: SLA not applicable if missed due to LightGate service or SMARTRing service outage where BellSouth Metro Ethernet Service is using LightGate service or SMARTRing service as alternate transport.

A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 *Terms and Conditions* (Cont'd) (T)

B. Basis of Offering (Cont'd)

6. Service Level Agreement for Premium BellSouth Metro Ethernet Service (Cont'd)

a. SLA Definitions: (Cont'd)

BellSouth Metro Ethernet Service Network Latency -

- BellSouth Metro Ethernet Service Network Latency measures average one-way delay in milliseconds within the core network. Core Network is defined as being from the Ethernet switch serving the customer's A-end to the Ethernet switch serving the customer's B-end. Customer networks that do not span more than one switch in the core network are not eligible for the Network Latency SLA and one will not be provided.
- The Service Level Commitment will be calculated by averaging the measured latency within the Metro Ethernet Customer Network between each pair of connections over a thirty-day period.

b. The Company's Service Level Commitments for BellSouth Metro Ethernet Service are as follows:

- BellSouth Metro Ethernet Service Time-To-Repair - 4 hours
- BellSouth Metro Ethernet Service Network Availability - 99.9%
- BellSouth Metro Ethernet Service Network Latency - 55 milliseconds

c. SLA Restrictions

- The Company will implement SLA provisioning restrictions that will define customer network design requirements and limitations to ***the Company's*** commitment to meet Service Levels for BellSouth Metro Ethernet Service. The customer network design requirements are as follows: (T)
- A customer must subscribe to the Metro Ethernet Premium Service with CNM - Metro Ethernet Reporting to receive credits for missed Service Level Commitments.
- Credits are not provided for partial month service.
- A customer's account must be current to receive a credit.

SLA credits do not apply when any stated objective is not met because the Company does not have control over the circumstances causing the objective to be missed. Situations over which the Company does not have control include, but are not limited to, the following:

- any act, any omission or negligence on the part of the customer, any other customer or any third party, or of any other entity providing a portion of the service,
- labor difficulties, governmental orders, civil commotions, declared National Emergencies, criminal actions against the Company, acts of God, war, or other circumstances beyond the Company's control,
- the customer's premises equipment, and
- unavailability of the customer's facilities and/or equipment including customer-provided power and environmental conditions for ***Company***-owned and operated equipment located on the customer's premise. (T)

A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 *Terms and Conditions* (Cont'd) (T)

B. Basis of Offering (Cont'd)

6. Service Level Agreement for Premium Metro Ethernet Service (Cont'd)

c. SLA Restrictions (Cont'd)

The customer must request a credit within one calendar month of the Company missing a BellSouth Metro Ethernet Service Level Commitment. A customer request for a Network Service Level SLA credit must be submitted on a standard request form issued by the Company that includes the month the SLA commitment was missed, accurate identification of the affected circuit, and the observed measurement of the specific SLA that was missed. A customer request for a Repair SLA credit must be submitted on a standard request form issued by the Company that includes the month the SLA commitment was missed, accurate identification of the affected circuit, and the trouble ticket number of the repair request. The Company will investigate customer requests for any SLA credits to determine the cause of any performance failures reported by the customer. The Company will investigate the customer's request over a period of up to 45 calendar days. The 45-day period will begin when the customer makes the request for credit with their Sales Representative. SLA credits will be provided to the customer if the Company determines that the Company had control over the circumstances causing the failure. (T)

d. SLA Credits for CNM Metro Ethernet Reporting

The following credits will apply when the Company misses a Service Level Commitment (each credit is described in ***paragraphs*** (1) thru (3)): (T)

BellSouth Metro Ethernet Service Time-To-Repair

0 to 4 hours per incident – No Credit

Over 4 hours to 24 hours per incident – Credit 3 days MRC

Each additional 24-hour period, per incident – Credit additional 3 days MRC

BellSouth Metro Ethernet Service Network Availability – Credit 3 days MRC

BellSouth Metro Ethernet Service Network Latency – Credit 3 days MRC

The SLA credit amount will be determined by applying the credits outlined above to the rate elements or total billed revenues specified following. Credits for all SLAs for a calendar month cannot exceed the MRC for the BellSouth Metro Ethernet Service components. Credits are not provided for partial month service.

(1) BellSouth Metro Ethernet Service Time-To-Repair Credit - The Service Level Commitment measurement will be based on each individual trouble ticket for a Customer Connection. Multiple trouble tickets on the same day for the same Customer Connection will only be eligible for one time-to-repair credit. Credit will apply to all Monthly Recurring Charges associated with the affected customer connections.

(2) BellSouth Metro Ethernet Service Network Availability Credit –The credit will apply for each BellSouth Metro Ethernet Service Connection that does not meet the availability commitment. Credit will apply to all Monthly Recurring Charges associated with the affected customer connections. BellSouth Metro Ethernet Networks that do not traverse the core network are not eligible for credits under the BellSouth Metro Ethernet Service Network Availability SLA.

(3) BellSouth Metro Ethernet Service Network Latency Credit – The credit will apply for each Metro Ethernet Service Connection that does not meet the latency commitment. Credit will apply to all Monthly Recurring Charges associated with the affected customer connections. BellSouth Metro Ethernet Networks that do not traverse the core network are not eligible for credits under the BellSouth Metro Ethernet Service Network Latency SLA

A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 *Terms and Conditions* (Cont'd) (T)

B. Basis of Offering (Cont'd)

7. Service Level Agreement for Virtual BellSouth Metro Ethernet Service

BellSouth Metro Ethernet Service Level Agreements (SLAs) specify the Company's repair and performance commitments for CNM - Metro Ethernet Reporting customers. Credits are provided for missed commitments to Virtual customers purchasing the CNM - Metro Ethernet Reporting feature. Credits only apply for portions of service provided by the Company. The following service measurements will outline the service levels the Company will deliver to CNM - Metro Ethernet Reporting customers with Virtual Metro Ethernet Connections. SLAs will be applied on a per Class of Service (CoS) basis for Virtual Connections; traffic representing the different CoS (i.e., Real-Time, Interactive, Business Critical and Best Effort) transported across the same Virtual Connection will have different SLAs. Details of the technical measurements and performance results methodologies for each commitment are provided in BellSouth Technical Reference TR-73632.

Repair

- BellSouth Metro Ethernet Service Time-to-Repair[1]
- Repair commitments are measured on a per occurrence basis for all CoS

Network Service Levels

- BellSouth Metro Ethernet Service Network Availability
- BellSouth Metro Ethernet Service Network Latency[2]
- BellSouth Metro Ethernet Service Network Jitter[2, 3]
- BellSouth Metro Ethernet Service Network Packet Delivery[2]
- Network Service Level Commitments are monthly performance measurements by CoS

a. SLA Definitions:

BellSouth Metro Ethernet Service Time-To-Repair

- BellSouth Metro Ethernet Service Time-To-Repair measures the outage duration on a customer's connection for all CoS. This measure will require the customer to report the problem to the ***Company's*** repair center. (T)
- The repair interval will start with the time entered on the trouble ticket and end when fault is re-mediated. The Service Level Commitment measurement will be based on each individual trouble ticket for a Customer Connection. Time for scheduled maintenance windows does not count towards SLA threshold.

BellSouth Metro Ethernet Service Network Availability

- BellSouth Metro Ethernet Service Network Availability measures the percentage of time by CoS during a calendar month that the customer's service is unavailable on the core network. Core network is defined as being from the Ethernet switch serving the customer's A-end to the Ethernet switch serving the customer's B-end. Customer networks that do not traverse the core network (i.e., do not span more than one switch in the core network) are not eligible for the Network Availability SLA and one will not be provided.
- The Service Level Commitment will be calculated by CoS by measuring and summing the outage for each network component used by the customer, divided by the total number of components, times the total service time for a particular calendar month. Excluded from the outage time and service time are scheduled maintenance windows and time the network was unavailable due to circumstances outside the Company's control.

Note 1: SLA not applicable if missed due to LightGate service or SMARTRing service outage where BellSouth Metro Ethernet Service is using LightGate service or SMARTRing service as alternate transport.

Note 2: SLA not applicable for Best Effort CoS.

Note 3: SLA not applicable for Business Critical CoS.

A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 *Terms and Conditions* (Cont'd) (T)

B. Basis of Offering (Cont'd)

7. Service Level Agreement for Virtual Metro Ethernet Service (Cont'd)

a. SLA Definitions: (Cont'd)

BellSouth Metro Ethernet Service Network Latency -

- BellSouth Metro Ethernet Service Network Latency measures average one-way delay in milliseconds within the core network. Core Network is defined as being from the Ethernet switch serving the customer's A-end to the Ethernet switch serving the customer's B-end. Customer networks that do not span more than one switch in the core network are not eligible for the Network Latency SLA and one will not be provided.
- The Service Level Commitment will be calculated for each CoS (except the Best Effort CoS) by averaging the measured latency for each eligible CoS within the Metro Ethernet Customer Network between each pair of connections over a thirty-day period.

BellSouth Metro Ethernet Service Network Jitter -

- BellSouth Metro Ethernet Service Network Jitter measures the average variability, measured in time (milliseconds) between the actual packet transmission rate and the expected packet transmission rate with the core network for Interactive and Real-Time CoS. Core Network is defined as being from the Ethernet switch serving the customer's A-end to the Ethernet switch serving the customer's B-end. Customer networks that do not span more than one switch in the core network are not eligible for the Network Jitter SLA and one will not be provided.
- The Service Level Commitment will be calculated for the Interactive CoS and Real-Time CoS by averaging the measured jitter of simulated traffic for each of the customer's eligible CoS queue within the Metro Ethernet Customer Network between each pair of connections over a thirty-day period.

BellSouth Metro Ethernet Service Network Packet Delivery -

- BellSouth Metro Ethernet Service Network Packet Delivery measures the percentage of packets conforming to the committed bandwidth profile that are delivered across the core network, without being dropped or lost as a result of a fault within the Virtual Ethernet network. Core Network is defined as being from the Ethernet switch serving the customer's A-end to the Ethernet switch serving the customer's B-end. Customer networks that do not span more than one switch in the core network are not eligible for the Network Packet Delivery SLA and one will not be provided.
- The Service Level Commitment will be calculated for each CoS (except the Best Effort CoS) by averaging the measured packet delivery for each eligible CoS within the Metro Ethernet Customer Network between each pair of connections over a thirty-day period.

A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 *Terms and Conditions* (Cont'd) (T)

B. Basis of Offering (Cont'd)

7. Service Level Agreement for Virtual Metro Ethernet Service (Cont'd)

b. The Company's Service Level Commitments for Virtual BellSouth Metro Ethernet Service are as follows:

- BellSouth Metro Ethernet Service Time-To-Repair :
  - . Best Effort CoS: 4 hours or less
  - . Business Critical CoS: 4 hours or less
  - . Interactive CoS: 4 hours or less
  - . Real-Time CoS: 4 hours or less
- BellSouth Metro Ethernet Service Network Availability :
  - . Best Effort CoS: 99.500% or greater
  - . Business Critical CoS: 99.995% or greater
  - . Interactive CoS: 99.995% or greater
  - . Real-Time CoS: 99.995% or greater
- BellSouth Metro Ethernet Service Network Latency (one-way) :
  - . Best Effort CoS: Not Applicable
  - . Business Critical CoS: 15 milliseconds or less
  - . Interactive CoS: 5 milliseconds or less
  - . Real-Time CoS: 5 milliseconds or less
- BellSouth Metro Ethernet Service Network Jitter :
  - . Best Effort CoS: Not Applicable
  - . Business Critical CoS: Not Applicable
  - . Interactive CoS: 1 millisecond or less
  - . Real-Time CoS: 1 millisecond or less
- BellSouth Metro Ethernet Service Network Packet Delivery :
  - . Best Effort CoS: Not Applicable
  - . Business Critical CoS: 99.900% or greater
  - . Interactive CoS: 99.950% or greater
  - . Real-Time CoS: 99.995% or greater

A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 *Terms and Conditions* (Cont'd) (T)

B. Basis of Offering (Cont'd)

7. Service Level Agreement for Virtual Metro Ethernet Service (Cont'd)

c. SLA Restrictions

- The Company will implement SLA provisioning restrictions that will define customer network design requirements and limitations to ***the Company's*** commitment to meet Service Levels for BellSouth Metro Ethernet Service. The customer network design requirements are as follows: (T)
- A customer must subscribe to the Metro Ethernet Virtual Service with CNM - Metro Ethernet Reporting to receive credits for missed Service Level Commitments.
- Credits are not provided for partial month service.
- A customer's account must be current to receive a credit.

SLA credits do not apply when any stated objective is not met because the Company does not have control over the circumstances causing the objective to be missed. Situations over which the Company does not have control include, but are not limited to, the following:

- any act, any omission or negligence on the part of the customer, any other customer or any third party, or of any other entity providing a portion of the service,
- labor difficulties, governmental orders, civil commotions, declared National Emergencies, criminal actions against the Company, acts of God, war, or other circumstances beyond the Company's control,
- the customer's premises equipment, and
- unavailability of the customer's facilities and/or equipment including customer-provided power and environmental conditions for ***Company*** owned and operated equipment located on the customer's premise. (T)

The customer must request a credit within one calendar month of the Company missing a BellSouth Metro Ethernet Service Level Commitment. (T) A customer request for a Network Service Level SLA credit must be submitted on a standard request form issued by the Company that includes the month the SLA commitment was missed, accurate identification of the affected circuit, and the observed measurement of the specific SLA that was missed. A customer request for a Repair SLA credit must be submitted on a standard request form issued by the Company that includes the month the SLA commitment was missed, accurate identification of the affected circuit, and the trouble ticket number of the repair request. The Company will investigate customer requests for any SLA credits to determine the cause of any performance failures reported by the customer. The Company will investigate the customer's request over a period of up to 45 calendar days. The 45-day period will begin when the customer makes the request for credit with their Sales Representative. SLA credits will be provided to the customer if the Company determines that the Company had control over the circumstances causing the failure.

A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 *Terms and Conditions* (Cont'd) (T)

B. Basis of Offering (Cont'd)

7. Service Level Agreement for Virtual Metro Ethernet Service (Cont'd)

d. SLA Credits for CNM - Metro Ethernet Reporting

The following credits will apply when the Company misses a Service Level Commitment (each credit is described in ***paragraph*** (1) through (3)). A maximum of one credit will be applied monthly per Connection for an SLA not met for any CoS that is supported by the customer's CoS profile (i.e., a maximum of one credit is applicable for an SLA even if missed for multiple CoS). (T)

BellSouth Metro Ethernet Service Time-To-Repair

0 to 4 hours per incident – No Credit

Over 4 hours to 24 hours per incident – Credit 3 days MRC

Each additional 24-hour period, per incident – Credit additional 3 days MRC

BellSouth Metro Ethernet Service Network Availability – Credit 3 days MRC

BellSouth Metro Ethernet Service Network Latency – Credit 3 days MRC

BellSouth Metro Ethernet Service Network Jitter – Credit 3 days MRC

BellSouth Metro Ethernet Service Network Packet Delivery – Credit 3 days MRC

The SLA credit amount will be determined by applying the credits outlined above to the rate elements or total billed revenues specified following. Credits for all SLAs for a calendar month cannot exceed the MRC for the BellSouth Metro Ethernet Service components. Credits are not provided for partial month service.

(1) BellSouth Metro Ethernet Service Time-To-Repair Credit - The Service Level Commitment measurement will be based on each individual trouble ticket for a Customer Connection. Multiple trouble tickets on the same day for the same Customer Connection will only be eligible for one time-to-repair credit. Credit will apply to all Monthly Recurring Charges associated with the affected customer connections.

(2) BellSouth Metro Ethernet Service Network Availability Credit –The credit will apply for each BellSouth Metro Ethernet Service Connection that does not meet the availability commitment. Credit will apply to all Monthly Recurring Charges associated with the affected customer connections.

(3) BellSouth Metro Ethernet Service Network Latency Credit – The credit will apply for each Metro Ethernet Service Connection that does not meet the latency commitment for any eligible CoS. Credit will apply to all Monthly Recurring Charges associated with the affected customer connections. BellSouth Metro Ethernet Networks that do not traverse the core network are not eligible for credits under the BellSouth Metro Ethernet Service Network Latency SLA

(4) BellSouth Metro Ethernet Service Network Jitter Credit –The credit will apply for each BellSouth Metro Ethernet Service Connection that does not meet the jitter commitment for any eligible CoS. Credit will apply to all Monthly Recurring Charges associated with the affected customer connections. BellSouth Metro Ethernet Networks that do not traverse the core network are not eligible for credits under the BellSouth Metro Ethernet Service Network Jitter SLA.

(5) BellSouth Metro Ethernet Service Network Packet Delivery Credit –The credit will apply for each BellSouth Metro Ethernet Service Connection that does not meet the packet delivery commitment for any eligible CoS. Credit will apply to all Monthly Recurring Charges associated with the affected customer connections. BellSouth Metro Ethernet Networks that do not traverse the core network are not eligible for credits under the BellSouth Metro Ethernet Service Network Packet Delivery SLA.

A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 *Terms and Conditions* (Cont'd) (T)

B. Basis of Offering (Cont'd)

8. SLA Credits for Core Trunk Automatic Failover

a. For service outages greater than 30 seconds within a BellSouth Metro Ethernet core network associated with a metropolitan area in which core trunk protection has been deployed, and where the customer has subscribed to the Core Trunk Automatic Failover optional feature for Basic, Premium or Virtual BellSouth Metro Ethernet Arrangements, a service outage credit equal to 50% of the monthly recurring charge for a Metro Ethernet Connection associated with the Core Trunk Automatic Failover optional feature shall apply. Only one such credit shall apply per bill period. This credit is independent from any other BellSouth Metro Ethernet Service SLA credit, i.e., the other BellSouth Metro Ethernet Service Network SLA credits are based on the parameters for the respective SLA(s) and do not relate nor apply in combination with the Core Trunk Automatic Failover SLA credit.

b. SLA Restrictions

The Company will implement SLA provisioning restrictions that will define customer network design requirements and limitations to ***the Company's*** commitment to meet Service Levels for BellSouth Metro Ethernet Service. The customer network design requirements are as follows: (T)

- Credits are not provided for partial month service.
- A customer's account must be current to receive a credit.

SLA credits do not apply when any stated objective is not met because the Company does not have control over the circumstances causing the objective to be missed. Situations over which the Company does not have control include, but are not limited to, the following:

- any act, any omission or negligence on the part of the customer, any other customer or any third party, or of any other entity providing a portion of the service,
- labor difficulties, governmental orders, civil commotions, declared National Emergencies, criminal actions against the Company, acts of God, war, or other circumstances beyond the Company's control,
- the customer's premises equipment, and
- unavailability of the customer's facilities and/or equipment including customer-provided power and environmental conditions for ***Company***-owned and operated equipment located on the customer's premise. (T)

The customer must request a credit within one calendar month of the Company missing a BellSouth Metro Ethernet Service Level Commitment. A customer request for a Network Service Level SLA credit must be submitted on a standard request form issued by the Company that includes the month the SLA commitment was missed, accurate identification of the affected circuit, and the observed measurement of the specific SLA that was missed. A customer request for a Repair SLA credit must be submitted on a standard request form issued by the Company that includes the month the SLA commitment was missed, accurate identification of the affected circuit, and the trouble ticket number of the repair request. The Company will investigate customer requests for any SLA credits to determine the cause of any performance failures reported by the customer. The Company will investigate the customer's request over a period of up to 45 calendar days. The 45-day period will begin when the customer makes the request for credit with their Sales Representative. SLA credits will be provided to the customer if the Company determines that the Company had control over the circumstances causing the failure. (T)

A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 ***Terms and Conditions*** **(Cont'd)** (T)

C. Provision of Service

1. Rates and charges contained in this section consist of the following elements:
   a. Basic BellSouth Metro Ethernet Service Connection
   b. Premium BellSouth Metro Ethernet Service Connection
   c. (DELETED)
   d. Virtual BellSouth Metro Ethernet Service Connection
   e. BellSouth Metro Ethernet Service Additional Mileage Charges
   f. Priority Plus
   g. Q-Forwarding
   h. VLAN Aggregation
   i. CNM - Metro Ethernet Reporting
   j. Class of Service (CoS) Profile
   k. Automatic Protection Switching (APS)
   l. Service Reconfiguration
   m. System Reconfiguration
2. All service connection charges for BellSouth Metro Ethernet Service are included in the respective nonrecurring charges specified herein.
3. BellSouth Metro Ethernet Service Connections are provided utilizing various Ethernet equipment configurations referred to herein as "physical service types". The physical service type of each BellSouth Metro Ethernet Connection is provided in the chart in ***paragraph*** A40.13.2.C.4. (T)

   A hierarchy of the various BellSouth Metro Ethernet Service Connections by capability (i.e., basic, premium or virtual) and speed is provided in the chart in ***paragraph*** A40.13.2.C.4. This chart provides a higher order of service ranking that is utilized to determine the appropriate nonrecurring charge for reconfiguration requests. (T)

A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 ***Terms and Conditions*** **(Cont'd)** (T)

C. Provision of Service (Cont'd)

4. The following informational chart provides the physical service type of each BellSouth Metro Ethernet Connection and provides the other BellSouth Metro Ethernet Connections which are considered to be a higher order of service (i.e., the BellSouth Metro Ethernet Service hierarchy).

Metro Ethernet Connection (Mbps):	**Physical Service Type:**	**Higher Order of Service (Mbps):**
- Basic 2	Basic 0	Basic 4,8,10,100,1000; Premium[1] 2, 4, 8,10,20,50,100,250,500, 1000; Virtual 2,4,8,10,20,50,80,100,200,300, 450,600,750,900, 1000
- Basic 4	Basic 0	Basic 8,10,100,1000; Premium[1] 4, 8,10,20,50,100,250,500, 1000; Virtual 4,8,10,20,50,80,100,200,300,450, 600,750,900, 1000
- Basic 8	Basic 0	Basic 10,100,1000; Premium[1] 8,10,20,50,100,250,500, 1000; Virtual 8,10,20,50,80,100,200,300,450,600,750, 900, 1000
- Basic 10	Basic I	Basic 100,1000; Premium[1] 10,20,50,100,250,500, 1000; Virtual 10,20,50,80,100,200,300,450,600,750,900, 1000
- Basic 100	Basic II	Basic 1000; Premium[1] 100,250,500, 1000; Virtual 80,100,200,300,450,600,750,900, 1000
- Basic 1000	Basic III	Premium[1] 500, 1000; Virtual 450,600,750,900, 1000
- Premium 2	Premium 0	Basic 100,1000; Premium[1] 4,8,10,20,50,100,250,500, 1000; Virtual 2,4,8,10,20,50,80,100,200,300,450,600, 750,900, 1000
- Premium 4	Premium 0	Basic 100,1000; Premium[1] 8,10,20,50,100,250,500, 1000; Virtual 4,8,10,20,50,80,100,200,300,450,600,750, 900, 1000
- Premium 8	Premium 0	Basic 100,1000; Premium[1] 10,20,50,100,250,500, 1000; Virtual 8,10,20,50,80,100,200,300,450,600,750,900, 1000
- Premium[1] 10	Premium I	Basic 1000; Premium[1] 20,50,100,250,500, 1000; Virtual 10,20,50,80,100,200,300,450,600,750,900, 1000
- Premium[1] 20	Premium I	Basic 1000; Premium[1] 50,100, 250,500, 1000; Virtual 20,50,80,100,200,300,450,600,750,900, 1000
- Premium[1] 50	Premium I	Premium[1] 100,250,500, 1000; Virtual 50,80,100,200,300,450,600,750,900, 1000
- Premium[1] 100	Premium II	Premium[1] 250,500, 1000; Virtual 100,200,300,450,600,750,900, 1000
- Premium[1] 250	Premium II	Premium[1] 500, 1000; Virtual 300,450,600,750,900, 1000
- Premium[1] 500	Premium II	Virtual 450,600,750,900, 1000
- Premium[1] 1000	Premium II	Virtual 1000
- Virtual 2	Virtual 0	Basic 100,1000; Premium[1] 10,20,50,100,250,500, 1000; Virtual 4,8,10,20,50,80,100,200,300,450,600,750,900, 1000
- Virtual 4	Virtual 0	Basic 100,1000; Premium[1] 10,20,50,100,250,500, 1000; Virtual 8,10,20,50,80,100,200,300,450,600,750,900, 1000
- Virtual 8	Virtual 0	Basic 100,1000; Premium[1] 10,20,50,100,250,500, 1000; Virtual 10,20,50,80,100,200,300,450,600,750,900, 1000
- Virtual 10	Virtual I	Basic 1000; Premium[1] 20,50,100,250,500, 1000; Virtual 20,50,80,100,200,300,450,600,750,900, 1000
- Virtual 20	Virtual I	Basic 1000; Premium[1] 50,100,250,500, 1000; Virtual 50,80,100,200,300,450,600,750,900, 1000
- Virtual 50	Virtual I	Basic 1000; Premium[1] 100,250,500, 1000; Virtual 80,100,200,300,450,600,750,900, 1000
- Virtual 80	Virtual I	Basic 1000; Premium[1] 100,250,500, 1000; Virtual 100,200,300,450,600,750,900, 1000
- Virtual 100	Virtual II	Premium[1] 250,500, 1000; Virtual 200,300,450,600,750,900, 1000
- Virtual 200	Virtual II	Premium[1] 500, 1000; Virtual 300,450,600,750,900, 1000
- Virtual 300	Virtual II	Premium[1] 500, 1000; Virtual 450,600,750,900, 1000
- Virtual 450	Virtual II	Virtual 600,750,900, 1000
- Virtual 600	Virtual II	Virtual 750,900, 1000
- Virtual 750	Virtual II	Virtual 900, 1000
- Virtual 900	Virtual II	None offered at this time
- Virtual 1000	Virtual II	None offered at this time

Note in the above chart that Basic 1 Gbps services are referred to as Basic 1000 Mbps.

Note 1: Fixed Mode or Burst Mode except Premium 1000 Mbps is only available as Fixed Mode.

A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 ***Terms and Conditions*** **(Cont'd)** (T)

C. Provision of Service (Cont'd)

5. Requests by a customer to change from one BellSouth Metro Ethernet Service arrangement to another BellSouth Metro Ethernet Service arrangement will be considered as reconfiguration change requests. Such re-configuration changes are not treated as disconnects and do not change minimum period requirements. These requests must be for the same customer at the same location, and the service orders to accomplish the reconfiguration change requested must be related together and have no lapse in service.
   a. A customer request to change an existing BellSouth Metro Ethernet Service arrangement to a new arrangement that is a different physical service type (per the hierarchy chart) is considered a system reconfiguration request.
      If the new arrangement requested is a lower order of service, the System Reconfiguration Charge shall apply.
      If the new arrangement requested is a higher order of service, nonrecurring charges shall not apply (i.e., the System Reconfiguration Charge is not applicable).
   b. A customer request to change an existing BellSouth Metro Ethernet Service arrangement to a new arrangement that is the same physical service type (per the hierarchy chart) is considered a service reconfiguration request.
      If the new arrangement requested is a lower order of service, the Service Reconfiguration Charge shall apply.
      If the new arrangement requested is a higher order of service, nonrecurring charges shall not apply (i.e., the Service Reconfiguration Charge is not applicable).
6. A request to modify an existing BellSouth Metro Ethernet Connection as set forth following does not change the order of service or physical service type from the existing connection. Such a change is not treated as a disconnect, and there will be no change in the minimum period requirements.
   a. A Premium BellSouth Metro Ethernet Connection-Fixed Mode and Premium BellSouth Metro Ethernet Connection-Burst Mode of the same speed are considered to be the same order of service and same physical service type. A Service Reconfiguration Charge is applicable for a customer request to reconfigure a Premium BellSouth Metro Ethernet Connection from Fixed Mode to Burst Mode (at the same speed), or vice versa; this nonrecurring charge is in lieu of the nonrecurring charge for the new connection.
   b. A request to modify the CoS Profile on an existing Virtual BellSouth Metro Ethernet Connection is not considered as a request to change the order of service or physical service type. A Service Reconfiguration Charge is applicable for such a request.
7. Customers cannot mix BellSouth Metro Ethernet Service and Native Mode LAN Interconnection (NMLI) Services from A40.3 on the same Metro Ethernet Customer Network. (T)
8. A System Reconfiguration Charge is applicable for a customer request to change the premises powering option (AC power to DC power, or vice versa) or NCTE signaling interface option (optical to electrical, or vice versa) on an existing BellSouth Metro Ethernet Connection. Such a change is not treated as a disconnect and there will be no change in the minimum period requirements.
9. Customers who subscribe to CNM - Metro Ethernet Reporting must monitor their entire BellSouth Metro Ethernet Network.

A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 ***Terms and Conditions*** **(Cont'd)** (T)

C. Provision of Service (Cont'd)

10. Automatic Protection Switching (APS) is an optional feature available, except as specified otherwise herein, to a customer with a Basic, Premium or Virtual BellSouth Metro Ethernet Service Connection of 10 Mbps or higher.[1] The APS feature provides customers with the option of having data channel survivability through the use of a secondary transport path that is diverse from the path provided with their primary Metro Ethernet Connection. This secondary transport path (i.e., data channel) is provided for a specific Metro Ethernet Connection (i.e., the primary) with the selection of the APS feature which then provides the customer with complete path protection.

    With APS, the primary Metro Ethernet Connection's data channel is monitored for threshold violations or path failures with a fail-over to the secondary data channel path provided via the APS feature. The APS data channel is checked periodically to ensure its availability if a failure of the primary Metro Ethernet Connection's data channel occurs.

    APS may be ordered as a structurally diverse transport path (Structural Protection) or a route diverse transport path (Route Protection).

    Structural Protection APS is defined as the APS facility and the primary Metro Ethernet Connection facility being in separate sheaths in separate structures located along the same route (e.g., underground/underground, buried/underground, aerial/underground, aerial/buried, buried/buried, and aerial/aerial), or along different routes at the Company's discretion. (T)

    Route Protection APS is defined as the APS facility being in a separate sheath within alternate underground, aerial or direct buried structures that are run along separate physical paths from the facilities associated with the primary Metro Ethernet Connection. No precise distance separation is specified between the paths; although the separation is sufficient to preclude one disruptive event from affecting both routes.

    The APS feature is billed based upon the actual total route miles in a customer's specific Structural Protection APS or Route Protection APS design as determined by the Company. The term "route miles" is defined for this application to be the actual physical distance or length (not airline mileage), rounded up to the next whole mile, of the unique APS facility designed for each individual customer premises. Total route miles are measured between the customer premises and its serving wire center, plus route miles between the serving wire center and any intermittent wire centers in the path designed to reach the BellSouth Metro Ethernet wire center associated with the primary Metro Ethernet Connection (i.e., the wire center where the BellSouth Metro Ethernet switching equipment is located). For situations where a BellSouth Metro Ethernet customer utilizes SMARTRing service, or BellSouth Wavelength Dedicated Ring service as an alternate means of transport, the route miles between the central office node location and the BellSouth Metro Ethernet Connection wire center for these services shall be included as a part of the total "route miles" described above. (T)

    The APS rate element provides the alternate data channel transport and APS equipment in the BellSouth Metro Ethernet Service wire center associated with the primary Metro Ethernet Connection. Actual total route mileage for the customer's APS design is determined from a Service Inquiry. The route mileage determined from this Company Service Inquiry is used for billing purposes and is the sole determinant of such mileage (i.e., not subject to dispute). (T)

    Note 1: Automatic Protection Switching (APS) is not available for a 2 Mbps, 4 Mbps or 8 Mbps Basic, Premium or Virtual Connection.

A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 ***Terms and Conditions*** **(Cont'd)** (T)

C. Provision of Service (Cont'd)

11. Basic, Premium and Virtual BellSouth Metro Ethernet Service Connections of 10 Mbps or higher may alternatively be provided to a customer premises over the customer's LightGate service or SMARTRing service.

The customer is required to purchase the appropriate LightGate service or SMARTRing service BellSouth Metro Ethernet Backbone interfaces that are a bandwidth equal to the bandwidth of the BellSouth Metro Ethernet Service backbone transport that is standard for the specific type and speed of BellSouth Metro Ethernet Service Connection serving that customer premises. A chart is provided herein which sets forth the backbone bandwidth of each type and speed of BellSouth Metro Ethernet Service Connection. Standard BellSouth Metro Ethernet Service features are available on such alternative arrangements, with the exception that Automatic Protection Switching is not available.

For such applications using LightGate service or SMARTRing service as alternate transport, the BellSouth Metro Ethernet Service Connection will provide data channel transport to connect the termination of the LightGate service or SMARTRing service at the central office node, to the BellSouth Metro Ethernet Service wire center associated with the BellSouth Metro Ethernet Service Connection (i.e., the central office of the Metro Ethernet Service switch).

When the LightGate service or SMARTRing service central office node is located greater than 10 miles from the BellSouth Metro Ethernet Service wire center, BellSouth Metro Ethernet Service Additional Mileage charges will also be applicable.

Metro Ethernet connections to SMARTRing can be either point-to-point or they can connect to Basic Shared Ethernet LAN service via Metro Ethernet Access Links.

For BellSouth Metro Ethernet Service Connections utilizing the customer's LightGate service or SMARTRing service as alternate transport, the committed bandwidth for select speeds will be as shown in BellSouth Technical Reference TR-73632.

Point-to-Point Metro Ethernet Connection to SMARTRing Service	
Metro Ethernet Connection	**Metro Ethernet Backbone Bandwidth**
Basic 10 Mbps	100 Mbps (1 STS-1)
Basic 100 Mbps	100 Mbps (3 STS-1)
Basic 1000 Mbps	1000 Mbps
Premium 10, 20, 50 Mbps (Fixed)	100 Mbps (1 STS-1)
Premium 10, 20, 50 Mbps (Burst)	100 Mbps (3 STS-1)
Premium 100 Mbps (Fixed)	Fractional 1000 Mbps at 150 Mbps
Premium 250 Mbps (Fixed)	Fractional 1000 Mbps at 300 Mbps
Premium 500 Mbps (Fixed)	Fractional 1000 Mbps at 600 Mbps
Premium 100, 250, 500 Mbps (Burst)	1000 Mbps
Virtual 10, 20, 50 Mbps	100 Mbps (1 STS-1)
Virtual 80 Mbps	100 Mbps (3 STS-1)
Virtual 100 Mbps	Fractional 1000 Mbps at 150 Mbps
Virtual 200, 300 Mbps	Fractional 1000 Mbps at 300 Mbps
Virtual 450 Mbps	Fractional 1000 Mbps at 450 Mbps
Virtual 600 Mbps	Fractional 1000 Mbps at 600 Mbps
Virtual 750, 900 Mbps	1000 Mbps

A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 ***Terms and Conditions*** **(Cont'd)** (T)

C. Provision of Service (Cont'd)

12. As of June 15, 2009, Metro Ethernet customers will be able to use SMARTRing as a transport facility and connect to the Basic Shared Ethernet LAN service Virtual Packet Ring (VPR) via Metro Ethernet Access Links. The Virtual Packet ring creates a dedicated allotment of synchronous transmission signals (STS1's) on the SMARTRing that are connected via the Metro Ethernet Access Links. This combination of VPR and Access Links with the Metro Ethernet circuit will create a multi-point circuit on the SMARTRing. All Metro Ethernet transmissions will be broadcast to all Metro Ethernet Access Links associated with the specific VPR. Metro Ethernet Access Links are considered Layer 1 ports on the SMARTRing and do not interact with Layer 2 information transmitted by the Metro Ethernet switch, specifically Class of Service, priority or 802.1q. This Metro Ethernet Layer 2 information will pass through the Metro Ethernet Access Links to the customer equipment.

The connection at the Central Office between Metro Ethernet and SMARTRing is Optical. The mixing of Access Link traffic and Metro Ethernet Access Link traffic on the same VPR is not supported. When the customer requests conversion of Access Links to Metro Ethernet Access Links, an out of service condition will occur until the conversion is complete, and the service will not be available for use during this time.

Reconfiguration associated with Customer Network Management will not be allowed on Metro Ethernet Access Links. (T)

Additional rules for connecting Metro Ethernet to SMARTRing service are stated in the Private Line ***Guidebook***, B7.7.

Metro Ethernet connections to SMARTRing Metro Ethernet Access Links are limited to the following connections and speeds:

Metro Ethernet Connection	**SMARTRing Metro Ethernet Access Link Fractional 1000 Mbps at – Central Office**	**SMARTRing Metro Ethernet Access Link Fractional 1000 Mbps at – Customer Premises**
Basic 1000 Mbps	1000 Mbps	1000 Mbps
Premium 100 Mbps Optical (Fixed)	150 Mbps	150 Mbps
Premium 250 Mbps (Fixed)	300 Mbps	300 Mbps
Premium 500 Mbps (Fixed)	600 Mbps	600 Mbps
Premium 100, 250, 500, 900 Mbps (Burst)	1000 Mbps	1000 Mbps
Premium 900 Mbps, 1000 Mbps	1000 Mbps	1000 Mbps
Virtual Ethernet Service 100 Mbps	150 Mbps	150 Mbps
Virtual Ethernet Service 200 Mbps	300 Mbps	300 Mbps
Virtual Ethernet Service 300 Mbps	300 Mbps	300 Mbps
Virtual Ethernet Service 450 Mbps	450 Mbps	450 Mbps
Virtual Ethernet Service 600 Mbps	600 Mbps	600 Mbps
Virtual Ethernet Service 750, 900, 1000 Mbps	1000 Mbps	1000 Mbps

A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 ***Terms and Conditions*** **(Cont'd)** (T)

C. Provision of Service (Cont'd)

13. Basic, Premium and Virtual BellSouth Metro Ethernet Service Connections of 100 Mbps and 1000 Mbps may alternatively be provided to a customer premises over a customer's BellSouth Wavelength service Dedicated Ring Arrangement.

    The customer is required to purchase the appropriate BellSouth Wavelength service Dedicated Ring Arrangement Wavelength Channel for the specific type and speed of BellSouth Metro Ethernet Service Connection serving that customer premises. A chart is provided herein which sets forth the Wavelength Channel associated with the 100 Mbps and 1000 Mbps BellSouth Metro Ethernet Service Connection.

    For such applications using BellSouth Wavelength service as alternate transport, the BellSouth Metro Ethernet Service Connection will provide data channel transport from the BellSouth Metro Ethernet Service wire center associated with the BellSouth Metro Ethernet Service Connection (i.e., the central office of the Metro Ethernet Service switch) to the central office Node Location of the customer's BellSouth Wavelength service Dedicated Ring Arrangement.

    When the central office Node Location of the customer's BellSouth Wavelength service Dedicated Ring Arrangement is located greater than 10 miles from the BellSouth Metro Ethernet Service wire center, BellSouth Metro Ethernet Service Additional Mileage charges will also be applicable.

Metro Ethernet Connection	**Wavelength Dedicated Ring Arrangement Wavelength Channel**
Basic 100 Mbps	Fast Ethernet at 100 Mbps
Basic 1000 Mbps	Gigabit Ethernet at 1 Gbps
Premium 10 Mbps, 20 Mbps and 50 Mbps (fixed and burst)	Fast Ethernet at 100 Mbps
Premium 100 Mbps (fixed) (provisioned via a physical 100 Mbps port)	Fast Ethernet at 100 Mbps
Premium 100 Mbps (fixed) (provisioned via a physical 1000 Mbps port)	Gigabit Ethernet at 1 Gbps
Premium 100 Mbps (burst)	Gigabit Ethernet at 1 Gbps
Premium 250 Mbps and 500 Mbps (fixed and burst)	Gigabit Ethernet at 1 Gbps
Premium 1000 Mbps (fixed)	Gigabit Ethernet at 1 Gbps
Virtual 10 Mbps, 20 Mbps, 50 Mbps and 80 Mbps	Fast Ethernet at 100 Mbps
Virtual 100 Mbps (provisioned via a physical 100 Mbps port)	Fast Ethernet at 100 Mbps
Virtual 100 Mbps (provisioned via a physical 1000 Mbps port)	Gigabit Ethernet at 1 Gbps
Virtual 200 Mbps, 300 Mbps, 450 Mbps, 600 Mbps 750 Mbps, 900 Mbps and 1000 Mbps	Gigabit Ethernet at 1 Gbps

14. In some cases, the Company and an Independent Telephone Company (ICO) may agree to jointly provide a customer Metro Ethernet Service. The rates and charges for the BellSouth Metro Ethernet Service Connection are applicable for such connectivity; charges for BellSouth Metro Ethernet Additional Mileage are also applicable when the mileage from the ***Company***/ICO meet-point to the BellSouth Metro Ethernet wire center associated with the service is over 10 miles. The Company is only responsible for the ordering, provisioning, maintaining and billing of such service up to the meet-point (i.e., demarcation point with the ICO). BellSouth Metro Ethernet Service SLA credits shall only be applicable for the portion of the service provided within the territory of the Company; such credits are appropriate only for missed commitments determined to be the fault of the Company. (T) (T)

A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 ***Terms and Conditions*** **(Cont'd)** (T)

C. Provision of Service (Cont'd)

15. Core Trunk Automatic Failover (CTAF) is an optional feature that is available, where facilities exist for Basic, Premium and Virtual BellSouth Metro Ethernet Arrangements. The CTAF feature provides customers with the option of having an Automatic Failover SLA on the data channel survivability between Bellsouth Metro Ethernet wire centers within a BellSouth Metro Ethernet core network area through the use of a secondary transport path.

If a Metro Ethernet Connection talks to only one other Metro Ethernet Connection (a Point-to-Point network configuration), the CTAF feature is billed based upon the actual total airline miles in a customer's specific CTAF design, as determined by the Company. The term "airline miles" is defined for this application to be the airline distance or length rounded up to the next whole mile, of the unique CTAF facility designed for each individual customer's service configuration. Total airline miles are measured between the BellSouth Metro Ethernet core network wire centers associated with the customer's service.

If a Metro Ethernet Connection talks to more than one other Metro Ethernet Connection (such as Point-to-Multipoint or Multipoint-to-Multipoint network configuration), the CTAF feature is billed once on the Metro Ethernet Connection at the 'greater than 25 through 35 airline miles' rate basis.

A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 ***Terms and Conditions*** **(Cont'd)** (T)

D. Contract Plans

1. Contract plans are available under conditions specified in the Fast Packet Services Payment Plan in A40.10, with contract periods described as follows:
   a. Term Payment Plan A - payment periods may be selected from twelve (12) to thirty-six (36) months.
   b. Term Payment Plan B - payment periods may be selected from thirty-seven (37) to sixty (60) months.[2]
2. Termination Liability Charge will not be applicable for customer requests to change from a Shared Native Mode LAN Interconnection (NMLI) service to a higher bandwidth Premium BellSouth Metro Ethernet Service arrangement. The length of the commitment associated with the new service must be equal to or greater than the time remaining in the customer's existing service arrangement commitment.
3. The auto renewal clause described under the Fast Packet Services Payment Plan in ***paragraph*** A40.10.6.A.4 is not applicable to BellSouth Metro Ethernet Service. (T)

E. Moves

1. A move involves a change in the physical location of one of the following:
   a. The point of interface at the customer premises.
   b. The customer's premises.
2. 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.
   a. 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.
   b. To a Different Building
      Moves to a different building, other than addressed in paragraph 3 will be treated as a disconnect at the existing location and all associated nonrecurring charges will apply at the new location. The customer will remain responsible for satisfying the remainder of the existing contract.[1]
3. Moves of Service under Fast Packet SPP
   Customer requests for moves of service under Fast Packet SPP, other than inside moves, will be subject to the conditions stated in ***paragraph*** A40.10.11. (T)

Note 1: Such moves of Metro Ethernet Service with Automatic Protection Switching (APS) shall additionally incur the full nonrecurring charge for establishing the APS feature at the new premises (as a new APS design will be required). The APS monthly recurring charge may change as appropriate based upon the actual route mileage associated with the new premises' APS design.

Note 2: Effective November 15, 2013, customers may not establish new term plans greater than 36 months for BellSouth Metro Ethernet Service, and existing term plans greater than 36 months may not be renewed or extended for a term greater than 36 months.

A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 ***Terms and Conditions*** **(Cont'd)** (T)

F. Migration to AT&T Switched Ethernet Service

If the customer migrates from BellSouth Metro Ethernet Service to AT&T Switched Ethernet Service, the customer may do so without incurring Termination Charges, given all of the following conditions are met:

1. The customer must issue a disconnect order for their existing BellSouth Metro Ethernet service and place a service order for AT&T Switched Ethernet Service. If over-lapping service is required, billing will apply.
2. Standard nonrecurring charges to install AT&T Switched Ethernet Service, if applicable, will apply.
3. The term of the new contract must be equal to or greater than the remaining time left on the existing BellSouth Metro Ethernet contract.
4. The new AT&T Switched Ethernet Service and the BellSouth Metro Ethernet service must be billed to the same customer of record at the same location(s).
5. The customer's existing BellSouth Metro Ethernet service must have been in service at least 12 months.
6. Migration is contingent on availability of fiber and equipment to serve the location being migrated. Other Special Construction charges, as necessary, may apply.
7. If Special Construction charges were applicable to the existing BellSouth Metro Ethernet service being replaced, and those charges were not already paid, they must be carried forward to the new AT&T Switched Ethernet Service contract.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

CONTENTS

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.1 ISDN - Business Service (IBS) (Cont'd)

A42.1.1 General (Cont'd)

G. D channels are equipped for Low Speed Packet Switched Data. This allows packet data (X.25) to be transmitted up to 9.6 Kbps on the D channel. Service includes logical channels up to the technical capability of the central office. Multiple packet calls can be active simultaneously by a user on a single D channel. Up to eight data terminals can be supported per Basic Rate Access. Service includes one data number. (T)

H. IBS will consist of the following components:
- Basic Rate Digital Subscriber Line (DSL) Access
- At least one channel, either B or D, must be activated. A maximum of two simultaneous B channels can be in use per Basic Rate Access.
- Minimum of one and maximum of eight User Profiles per Basic Rate Digital Subscriber Line (DSL) Access Arrangement.

I. Grouping Service (Hunting) is available for ISDN Individual Service.

J. All circuit Switched B channel services must be either flat or measured. Mixing flat and measured B channel services is not allowed on the same premises except as allowed in Section A2.

A42.1.2 *Terms and Conditions* (T)

A. Customer Premises Equipment (CPE) that is compatible with the ISDN Interface is the responsibility of the user for provisioning.

B. The Company will be responsible for publishing and maintaining ISDN Interface Specifications.

C. The Company shall not be responsible if changes in any of the equipment, operations, or procedures of the Company utilized in the provision of Basic Rate Access 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.

D. Suspension of service is not allowed except for IBS lines associated with MultiServ service or MultiServ PLUS service. Suspension at the request of the subscriber will be allowed on the B channel portion of these main station lines at the rates in Section A2. The subscriber may request this suspension for a maximum of three months in succession. Restoration charges will be applicable per line as specified in Section A4.

E. Service Charges in Section A4 are applicable per Basic Rate DSL access in addition to rates and charges following.

F. Usage rates, as appropriate for RegionServ, are specified in Section A3. Usage rates for all originating minutes of use under Usage Option Plan A and per minute of use rates for calls outside the Expanded Local Calling Area but inside the LATA for lines equipped with Usage Option Plan B, are specified in this section.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.1 ISDN - Business Service (IBS) (Cont'd)

A42.1.2 *Terms and Conditions* (Cont'd) (T)

G. IBS will be available where facilities permit. Combinations of service will be restricted by the limits of the Company central office type and switch load.

H. ***ISDN Residential Service (***IRS***)***, in A42.2, is available for use by full-time educational institutions that are eligible for accreditation by the Southern Association of Colleges and Schools. This service is intended for in-classroom use of computers by students to access information databases, shared educational programs and students in other classrooms. Teachers and researchers may also subscribe to this service for on-campus use. These lines shall not be used to replace existing administrative lines. (T)

IRS is also available to public libraries including the state library and archives, regional libraries, and public libraries in any county, city or town. (T)

I. Each ISDN Basic Rate Access Arrangement will be counted as one line in determining the application of the Service Charges specified in Section A4, and the End User Charges as specified in the End User Common Access Service section of BellSouth Telecommunications, Inc. FCC No. 1, Section 4.

J. IBS lines may be purchased out of this Guidebook to be associated with MultiServ service or MultiServ PLUS service, located in A12.20 and A12.21. Terms and conditions for MultiServ service and MultiServ PLUS service will apply to these IBS lines except as otherwise stated in this section.

Each ISDN Basic Rate DSL Access Arrangement will be counted as a MultiServ service or MultiServ PLUS service line in determining the total system size.

IBS lines associated with MultiServ service or MultiServ PLUS service may purchase Optional Features compatible with ISDN from the MultiServ service Optional Features section of the MultiServ service section of the Guidebook as well as features unique to ISDN from the Optional Features in this section. When a feature is listed in the Optional Feature Sections of both the MultiServ service and IBS offerings, the IBS version of the feature should be ordered. MultiServ Service Feature Groups are not available for use with these IBS lines.

IBS lines not associated with a MultiServ service or MultiServ PLUS service may not purchase features from the MultiServ service section of the Guidebook.

Only 36-120 month contract periods are available under the Rate Stability Plan[1] in this section for IBS lines associated with MultiServ service or MultiServ PLUS service main station lines.

K. IBS served at the customer's request, from a central office other than the central office the subscriber would normally be served from will require interoffice facilities as provided in this section, per DSL. Airline miles between the serving central offices will be used in the mileage calculation for this rate element.

A42.1.3 Definitions

B CHANNEL

A bi-directional synchronous channel capable of supporting 64 Kbps of digital transmission.

D CHANNEL

A 16 Kbps digital signaling channel also capable of supporting 9.6 Kbps of packet information for the Basic Rate Interface.

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.

CUSTOM ISDN

Basic Rate ISDN based on vendor proprietary implementation. Features and services which were developed for Custom BRIs require Customer Premises Equipment (CPE) specifically designed to work on that Central Office switch.

NATIONAL ISDN

Basic Rate ISDN based on industry standards. National ISDN standardizes the signaling and operation of BRI across various Central Office switch types. Features and services which are delivered on a National ISDN BRI can be accessed with ***Customer Premises Equipment*** built to the National ISDN standards. (T)

Note 1: As of August 31, 2011, Rate Stability Plans are no longer available for new or renewing subscribers.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.1 ISDN - Business Service (IBS) (Cont'd)

A42.1.4 Rates and Charges (Cont'd)

D. Usage

	Rate Per Minute of Use	USOC
1. Circuit Switched Voice and Data (Measured Only) Per minute rates for usage on all circuit switched services (voice and/or data) and ***Terms and Conditions*** for RegionServ are defined in A3.2.9.		
2. Circuit Switched Voice and Data - Usage Option Plans Originating usage in Usage Option Plan A will be billed at the per minute of use rate per channel in use.		
(a) Per Minute of Use - Usage Option A	**$0.05**	**NA**
3. Usage Outside the Expanded Local Calling Area but inside the LATA. The following charges apply per channel in use for customer dialed calls originated from and billed to a IBS line equipped for Usage Option Plan B when calls terminate outside the Expanded Local Calling Area but inside the LATA.		
(a) Per Minute of Use	**0.09**	**NA**

(T)

E. Packages

1. Packages EZ1, EZ1A, EZ2 and EZ2A are available for use with IBS on National ISDN lines. The packages will not be available on Custom ISDN lines or lines associated with MultiServ service or MultiServ PLUS service. A credit will be applied to the monthly billing for customers purchasing IBS via one of these packages. Packages must be ordered exactly as stated in the descriptions of the packages. If any feature listed in the package is deleted or provisioning options are changed, the package credit will no longer apply.

   Additional optional features compatible with the package configurations are allowed with the packages. Additional features may be added only on the User Profile already provisioned with features.

   Note 1: Shares DN with any other bearer service on the same User Profile (5ESS/EWSD).

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.1 ISDN - Business Service (IBS) (Cont'd)

A42.1.5 Optional Features (Cont'd)

A. Optional Features (Cont'd)

2. (Cont'd)

k. Calling/Called Number Delivery/Calling Name Delivery-National ISDN - This feature provides the user who is receiving/originating a call with information about the calling/called party and the facility or destination and is provided with IBS. Some "privacy" options may be in effect in certain areas and will be located in ***Sections*** A13 or A12.20. (T)

l. Visual Message Waiting Indicator - Provides the user of a message service with a visual indication that a message is waiting.

m. Audible Message Waiting Indicator - Provides the user of a message service with an indication that a message is waiting.

n. Additional Call Appearance - PDN or DN - This feature allows the terminal to have more than one DN button assigned to the same DN or Primary Directory Number (PDN).

o. Call Tracing - This feature enables the customer to initiate an automatic trace of the last call received. Upon activation by the customer, the network automatically sends a message to the Company's Security Department indicating the calling number, the time the call was received, and the time the trace was activated. The customer using this feature would be required to contact the local business office for further action.

p. Call Return - This feature enables a customer to place a call to the number associated with the most recent call received, whether or not the call was answered or the number is known. The customer can dial a code or press a feature button to request that the network place the call. (T)

If the called line is not busy, the call is placed. If the called line is busy, a confirmation announcement is heard. Once the customer hangs up, the network will monitor the busy/idle status of both lines every forty-five seconds for up to thirty minutes. If during the queuing process both lines become idle, the customer is alerted that the network is ready to place the call. When the customer picks up, the call will automatically be placed. If unanswered by the customer the alerting will repeat every five minutes until answered, or for the remainder of the thirty minute monitoring interval. Multiple numbers may be placed in queue. The first idle number will be connected first. Both the customer and the called party may originate and receive calls without affecting the call return feature status. (T)

q. Preferred Call Forwarding - Allows the customer to transfer selected calls to another number. A screening list of up to six numbers is created by the customer and placed in the network memory via an interactive dialing sequence. Subsequently, calls are forwarded to the Call Forwarding number only if the calling number can be obtained and is found to match a number on the screening list. (T)

If the customer also subscribes to Call Block and the same number is entered on both screening lists, the Call Block feature must be deactivated to allow the call to be forwarded. (T)

This feature will not work if the incoming call is from a number in a hunt group unless the number is the main number of the hunt group, or is Telephone Number identified. (T)

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.1 ISDN - Business Service (IBS) (Cont'd)

A42.1.5 Optional Features (Cont'd)

A. Optional Features (Cont'd)

2. (Cont'd)

r. Call Block - This feature provides the customer the ability to prevent incoming calls from up to six different numbers. (T)

A screening list is created by the customer either by adding the last number associated with the line (incoming or outgoing), or by preselecting the numbers to be blocked. When a call is placed to the customer's number from a number on the screening list, the caller receives an announcement indicating that the party he is attempting to call does not wish to receive calls at this time. (T)

If the customer also subscribes to Preferred Call Forwarding and/or Call Selector and the same numbers appear on those screening lists, Call Block will take precedence. (T)

This feature will not work if the incoming call is from a number in a hunt group unless the number is the main number of the hunt group, or is Telephone Number identified. (T)

s. Call Selector - This feature provides an alerting to the subscribing customer for up to six specific numbers. (T)

The customer creates a screening list of up to six numbers through an interactive dialing sequence. When a call is received from one of the predetermined numbers, the customer is alerted. Calls from the numbers not included on the screening list will produce a normal ring. (T)

When a number on the Call Selector screening list also appears on the Preferred Call Forwarding list, the Preferred Call Forwarding will take precedence. Likewise, when the same number is shown on the Call Block list, the call will be blocked. (T)

The customer's line will not produce an alert if the incoming call is from a number in a hunt group unless the number is the main number of the hunt group, or is Telephone Number identified. (T)

t. Repeat Dialing - Repeat Dialing, when activated, automatically redials the last number the customer attempted to call. If the called line is not busy, the call will be placed.

If the called line is busy, a confirmation announcement is heard, the customer hangs up and a queuing process begins. For the next thirty minutes both the calling and called lines are checked periodically for availability to complete the call. If during this queuing process the called line becomes idle, the customer is alerted that the network is ready to place the call. When the customer picks up, the call will automatically be placed. (T)

u. Automatic Line/Direct Connect - Station specially programmed to dial specific internal station number or "0" or the attendant when the station user goes off-hook.

v. Make Set Busy - Provides the individual station user the option of making the line or Directory Number appear busy/unavailable to incoming calls. The All Calls feature enables the user to make the line appear busy to all types of incoming calls. The Intragroup feature makes the line appear busy to intragroup calls with external calls not blocked.

w. Selective Call Acceptance - Allows customers to accept incoming voice calls only from certain numbers selected by the customer. (T)

x. Station Restriction - Allows a station line to be assigned various types of restriction.

- Denied Termination allows the station line to be used for outgoing calls only. It cannot receive incoming calls. All incoming calls are routed to common intercept announcement.
- Denied Originating from Outgoing Calls allows the station line to be used for incoming calls only. No outgoing calls can be originated from it.

y. Redirected Number Feature – Redirected number delivery may be provided as a terminating feature. If the received call has been previously forwarded, the first and last forwarding DN’s will be delivered to the called party who subscribes to redirected number delivery.

z. Call Park/Call Retrieve - The Call Park feature allows a user, active on a call, to park a call against the user's DN. When parked, the call is in a state similar to Hard Hold. After being parked, the call can be retrieved by the user.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.2 ISDN - Residence Service (IRS) (Cont'd)

A42.2.1 General (Cont'd)

F. (DELETED)

G. (DELETED)

H. IRS will consist of the following components:

- Basic Rate Digital Subscriber Line (DSL) Access
- Two B channels CSV/CSD. A maximum of two simultaneous B channels can be in use per Basic Rate Access.
- Minimum of one and maximum of eight User Profiles per Basic Rate Digital Subscriber Line (DSL) Access Arrangement. (M)

I. All circuit Switched B channel services must be either flat or measured. Mixing flat and measured B channel services is not allowed on the same premises except as allowed in Section A2. (T)(M)

Material appearing on this page previously appeared on page(s) 14 of this section.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.2 ISDN - Residence Service (IRS) (Cont'd)

(M)

A42.2.2 *Terms and Conditions* (T)

A. Customer Premises Equipment (CPE) that is compatible with the ISDN Interface is the responsibility of the user for provisioning.

B. The Company will be responsible for publishing and maintaining ISDN Interface Specifications.

C. The Company shall not be responsible if changes in any of the equipment, operations, or procedures of the Company utilized in the provision of Basic Rate Access 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.

D. Suspension of service is not allowed.

E. Service Charges in Section A4 are applicable per Basic Rate DSL access in addition to rates and charges ***herein***. (T)

F. Usage rates, as appropriate, are specified in Section A3. (T)

G. IRS will be available where facilities permit. Combinations of service will be restricted by the limits of the Company central office type and switch load.

H. IRS is available to full-time educational institutions that are eligible for accreditation by the Southern Association of Colleges and Schools. This service is intended for in-classroom use of computers by students to access information databases, shared educational programs and students in other classrooms. Teachers and researchers may also subscribe to this service for on-campus use. These lines shall not be used to replace existing administrative lines.

IRS is also available to public libraries including the state library and archives, regional libraries, and public libraries in any county, city or town.

I. (DELETED)

J. Each ISDN Basic Rate DSL Access Arrangement will be counted as one line in determining the application of the Service Charges specified in Section A4, and the End User Charges as specified in the End User Common Access Service section of BellSouth Telecommunications, Inc. FCC No.1, Section 4. (T)

K. IRS lines served, at the customer's request, from a central office other than the central office the subscriber would normally be served from will require interoffice facilities as provided in this Section, per DSL. Airline miles between the serving central offices will be used in the mileage calculation for this rate element. (T)

A42.2.3 Definitions

B CHANNEL

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

D CHANNEL

A 16 Kbps digital signaling channel also capable of supporting 9.6 Kbps of packet information for the Basic Rate Interface.

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.

CUSTOM ISDN

Basic Rate ISDN based on vendor proprietary implementation. Features and services which were developed for Custom BRIs require Customer Premises Equipment (CPE) specifically designed to work on that Central Office switch.

NATIONAL ISDN

Basic Rate ISDN based on industry standards. National ISDN standardizes the signaling and operation of BRI across various Central Office switch types. Features and services which are delivered on a National ISDN BRI can be accessed with CPE built to the National ISDN standards.

Material previously appearing on this page now appears on page(s) 13 of this section.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.2 ISDN - Residence Service (IRS) (Cont'd)

A42.2.4 Rates and Charges

		Installation Charge	Monthly Rate	USOC
A.	Interoffice Circuit			
	1. Per DSL Circuit			
	(a) Each, including first mile	**$240.00**	**$115.00**	**MIGNC**
	(b) Each additional mile	-	**.45**	**MIGNM**
B.	Interface			
	1. Basic Rate DSL Access Arrangement			
	a. Residence Service			
	(a) ISDN Access (5ESS/DMS)	-	-	**LTBLR**
	(b) (DELETED)			
	(c) ISDN Access (EWSD)	-	-	**LTBER**
	2. Channels Activated			
	a. Up to 2 B channels Circuit Switched Voice/Data Per DSL			
	(1) Per DSL			
	(a) Flat Rate[1]	-	**13.85**	**LPRFX**
	(b) Measured[2]	-	**13.85**	**LPSMX**
C.	Interface Users			
	1. Per User Profile -			
	a. Access to B Channel CSV/CSD			
	(1) Flat Rate (5ESS/EWSD)			
	(a) each	-	-	**LTQ8Y**
	(2) Flat Rate (EWSD)			
	(a) Voice	-	-	**LTQVR**
	(b) Data	-	-	**LTQDR**

Note 1: The appropriate flat rate schedule in A3.2 will also apply. (T)

Note 2: The appropriate RegionServ rate schedule in A3.2 will also apply. (T)

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.2 ISDN - Residence Service (IRS) (Cont'd)

A42.2.4 Rates and Charges Ccont'd)

C. Interface Users (Cont'd)

1. Per User Profile – (Cont'd)

a. Access to B Channel CSV/CSD (Cont'd)

	Installation Charge	Monthly Rate	USOC
(3) Measured Rate - RegionServ (5ESS/DMS)			
(a) Without discount	-	-	**LTQ8F**
(b) Discount Usage Option	-	**$1.00**	**LTQ8G**
(4) Measured Rate - RegionServ (EWSD)			
(a) Without discount - Voice	-	-	**LTQVF**
(b) Without discount - Data	-	-	**LTQDF**
(a) Discount Usage Option - Voice	-	**1.00**	**LTQVG**
(b) Discount Usage Option - Data	-	**1.00**	**LTQDG**

D. Usage (M)

1. Circuit Switched Voice and Data (Measured Only) (M)

a. Per minute rates for usage on all circuit switched services (Voice and/or Data), ***terms and conditions*** for RegionServ are defined in A3.2.9. (T)(M)

Material appearing on this page previously appeared on page(s) 16 of this section.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.2 ISDN - Residence Service (IRS) (Cont'd)

A42.2.4 Rates and Charges (Cont'd)

(M1)

E. Packages

1. Packages EZ1, EZ1A, EZ2 and EZ2A are available for use with IRS on National ISDN lines. The packages will not be available on Custom ISDN lines. Rates as indicated in this Section apply to all rate elements listed in the package. Packages must be ordered exactly as stated in the descriptions of the packages. If any feature listed in the package is deleted or provisioning options are changed, the package will no longer apply. (T)
   Additional optional features compatible with the package configurations are allowed with the packages. Additional features may be added only on the User Profile already provisioned with features.
2. Description of Packages
   a. Package EZ1 - Low Speed DSL, 2 B-channel CSV/CSD - Channel Activation, 2 B-channel CSV/CSD - User Profile, 2 Additional Call Appearances, 1 Conference, Drop, Hold & Transfer, 1 Call Forwarding Variable - Button.
   b. Package EZ1A - Low Speed DSL, 2 B-channel CSV/CSD - Channel Activation, 2 B-channel CSV/CSD - User Profile, 2 Additional Call Appearances, 1 Conference, Drop Hold, & Transfer, 1 Call Forwarding Variable - Button., Visual Message Waiting, Call Forwarding Busy Line, Call Forwarding Don't Answer. Voice mail service will be allowed with this package.
   c. Package EZ2 - Low Speed DSL, 2 B-channel CSV/CSD - Channel Activation, 2 B-channel CSV/CSD - User Profile, 2 Additional Call Appearances, 1 Conference, Drop, Hold & Transfer, 1 Call Forwarding Variable - Button., 2 Secondary DN's.
   d. Package EZ2A - Low Speed DSL, 2 B-channel CSV/CSD - Channel Activation, 2 B-channel CSV/CSD - User Profile, 2 Additional Call Appearances, 1 Conference, Drop, Hold & Transfer, 1 Call Forwarding Variable - Button., 2 Secondary DN's, Visual Message Waiting, Call Forwarding. Busy Line, Call Forwarding Don't Answer. Voice Mail service will be allowed with this package. (M2)

Page 16.1 is hereby deleted in its entirety and removed from this Guidebook. (N)

M1 - Material previously appearing on this page now appears on page(s) 15.1 of this section.
M2 - Material appearing on this page previously appeared on page(s) 16.1 of this section.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.2 ISDN - Residence Service (IRS) (Cont'd)

A42.2.5 Optional Features (Cont'd)

A. Optional Features

Customers are required to subscribe to ISDN - Residence Service (IRS) before ordering these features. Calling/Called Number Delivery**,** Calling Name Delivery and call Hold are provided with this service. Features are available to increase the capability of ISDN - IRS and may be subscribed to on an as needed basis. Availability of features are limited to where facilities permit and may be limited by central office type and switch load. (M)

Availability of features as described in ***paragraphs*** 1 and 2 is dependent upon whether the central office is equipped with Custom ISDN or National ISDN. (T)

1. Features for use with Electronic Key Telephone Service (EKTS):
   This option provides a group of features that increase the user's voice terminal flexibility and offers the functionality of a key system to groups of users with EKTS equipment.
   a. Shared Primary DN - This is a primary DN that appears on one or more terminals.
   b. Secondary-Only DN - This is a secondary DN that appears on one or more terminals, but is not the primary DN on any of those terminals.
   c. Shared Secondary-Only DN - First Appearance - the first appearance of a secondary DN that appears on more than one terminal but is not the primary DN on any of those terminals.
   d. Key Short Hunt – This feature enhances call coverage by delivering key-set DN Short Hunt Capability to standard-feature ISDN Voice terminals
   e. Shared non-ISDN DN - This feature allows call coverage for an analog set.
   f. Privacy Release - This is a privacy feature that allows a customer to specify, on an EKTS group basis, that no other user can bridge on to calls. On a call by call basis, this feature can be disabled to allow bridging to occur.
   g. Manual Exclusion - This is the opposite of Privacy Release. On a call by call basis the user can restrict bridging.
   h. ISDN Intercom Calling - Dial - This feature allows an EKTS user to call other terminals in the EKTS group with one or two-digit dialing.
   i. ISDN Intercom Calling - Automatic - This feature allows an EKTS user to call another terminal in the EKTS group by activating a button on the EKTS set.
   j. ISDN Intercom Calling - Call Appearance - This feature allows EKTS Intercom Calling to be provisioned on a Call Appearance.
2. The following features are available with either Custom ISDN or National ISDN. National ISDN customers may purchase these features for use with either EKTS sets or non-EKTS sets.
   a. Call Forwarding Variable - This feature allows the ISDN user to have the ability to forward all incoming calls to a user specified directory number.
   b. Call Forwarding Variable - Feature Button - This feature is the same as Call Forwarding Variable except that it is activated by a feature button.
   c. Call Forwarding - Busy Line - This feature automatically routes calls to a preselected number when the called line is busy. This feature may be either fixed (changeable by service order only) or programmable (customer changeable) by station user via feature activation code.
   d. Call Forwarding - Don't Answer - This feature automatically routes calls to a preselected number when the called line does not answer in a preset ringing cycle. This feature may be either fixed (changeable by service order only) or programmable (customer changeable) by station user via feature activation code**.**
   e. Call Forwarding - Multiple Simultaneous - This feature allows a station line to forward more than one call at a time.
   f. Call Pickup - Allows a user to answer calls directed to another line in the same preset Call Pickup Group.
   g. Conference, Drop, Hold, Transfer
      - Conference - allows the user to add a third party to an existing conversation. This feature is for use with voice calls only.
      - Drop - This central based feature allows the user to disconnect the last party added to a conference call.
      - Hold - allows the user to place a call on hold by pressing the function button. Any set with the call appearance for the call on hold can pick up the call by pressing the call appearance button.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.2 ISDN - Residence Service (IRS) (Cont'd)

A42.2.5 Optional Features (Cont'd)

A. Optional Features (Cont'd)

2. (Cont'd)

g. Conference, Drop, Hold, Transfer - (Cont'd)
- Transfer - This feature allows the user to transfer a call to another DN. This feature is for use with voice calls only. This feature may require an additional call appearance or an additional DN.

h. Six-Way Conference, Drop, Hold, Transfer - This feature has the same functionality as Conference, Drop, Hold, Transfer feature except that six-way conference is allowed.

i. Speed Calling - This feature allows each user to assign up to thirty telephone numbers to a two-digit code for the purpose of enabling abbreviated dialing.

j. Calling/Called Number Delivery/Calling Name Delivery-National ISDN - This feature provides the user who is receiving/originating a call with information about the calling/called party and the facility or destination and is provided with IRS. Some "privacy" options may be in effect in certain areas and will be located in Section A13. (T)

k. (DELETED)

l. Visual Message Waiting Indicator - Provides the user of a message service with a visual indication that a message is waiting.

m. Audible Message Waiting Indicator - Provides the user of a message service with an audible indicator that a message is waiting.

n. Additional Call Appearance - PDN or DN - This feature allows the terminal to have more than one DN button assigned to the same DN or Primary Directory Number (PDN).

o. Call Tracing - This feature enables the customer to initiate an automatic trace of the last call received. Upon activation by the customer, the network automatically sends a message to the Company's Security Department indicating the calling number, the time the call was received, and the time the trace was activated. The customer using this feature would be required to contact the local business office for further action.

p. Call Return - This feature enables a customer to place a call to the number associated with the most recent call received, whether or not the call was answered or the number is known. The customer can dial a code or press a feature button to request that the network place the call. (T)

If the called line is not busy, the call is placed. If the called line is busy, a confirmation announcement is heard. Once the customer hangs up, the network will monitor the busy/idle status of both lines every forty-five seconds for up to thirty minutes. If during the queuing process both lines become idle, the customer is alerted that the network is ready to place the call. When the customer picks up the telephone, the call will automatically be placed. If unanswered by the customer the alerting will repeat every five minutes until answered, or for the remainder of the thirty minute monitoring interval. Multiple numbers may be placed in queue. The first idle number will be connected first. Both the customer and the called party may originate and receive calls without affecting the call return feature status.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.2 ISDN - Residence Service (IRS) (Cont'd)

A42.2.5 Optional Features (Cont'd)

A. Optional Features (Cont'd)

2. (Cont'd)

q. Selective Call Forwarding - Allows the customer to transfer selected calls to another number. A screening list of up to six numbers is created by the customer and placed in the network memory via an interactive dialing sequence. Subsequently, calls are forwarded to the Call Forwarding number only if the calling number can be obtained and is found to match a number on the screening list. (T)

If the customer also subscribes to Call Block and the same number is entered on both screening lists, the Call Block feature must be deactivated to allow the call to be forwarded. (T)

This feature will not work if the incoming call is from a number in a hunt group unless the number is the main number of the hunt group, or is Telephone Number identified. (T)

r. Call Block - This feature provides the customer the ability to prevent incoming calls from up to six different numbers. (T)

A screening list is created by the customer either by adding the last number associated with the line (incoming or outgoing), or by preselecting the numbers to be blocked. When a call is placed to the customer's number from a number on the screening list, the caller receives an announcement indicating that the party he is attempting to call does not wish to receive calls at this time. (T)

If the customer also subscribes to Selective Call Forwarding and/or Personalized Ring 6 and the same numbers appear on those screening lists, Call Block will take precedence. (T)

This feature will not work if the incoming call is from a number in a hunt group unless the number is the main number of the hunt group, or is Telephone Number identified. (T)

s. Personalized Ring 6 - This feature provides an alerting to the subscribing customer for up to six specific numbers. (T)

The customer creates a screening list of up to six numbers through an interactive dialing sequence. When a call is received from one of the predetermined numbers, the customer is alerted. Calls from the numbers not included on the screening list will produce a normal ring. (T)

When a number on the Personalized Ring 6 screening list also appears on the Selective Call Forwarding list, the Selective Call Forwarding will take precedence. Likewise, when the same number is shown on the Call Block list, the call will be blocked. (T)

The customer's line will not produce an alert if the incoming call is from a number in a hunt group unless the number is the main number of the hunt group, or is Telephone Number identified. (T)

t. Repeat Dialing - Repeat Dialing, when activated, automatically redials the last number the customer attempted to call. If the called line is not busy, the call will be placed.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.2 ISDN - Residence Service (IRS) (Cont'd)

A42.2.5 Optional Features (Cont'd)

A. Optional Features (Cont'd)

2. (Cont'd)

t. (Cont'd)

If the called line is busy, a confirmation announcement is heard, the customer hangs up and a queuing process begins. For the next thirty minutes both the calling and called lines are checked periodically for availability to complete the call. If during this queuing process the called line becomes idle, the customer is alerted that the network is ready to place the call. When the customer picks up the telephone, the call will automatically be placed.

u. Automatic Line/Direct Connect - Station specially programmed to dial specific internal station number or "0" or the attendant when the station user goes off-hook.

v. Selective Call Acceptance - Allows customer to accept incoming voice calls only from certain numbers selected by the customer. (T)

w. Station Restriction - Allows a station line to be assigned various types of restriction.

- Denied Termination allows the station line to be used for outgoing calls only. It cannot receive incoming calls. All incoming calls are routed to common intercept announcement.
- Denied Origination from Outgoing Calls allows the station line to be used for incoming calls only. No outgoing calls can be originated from it.

x. Redirected Number Feature – Redirected number delivery may be provided as a termination feature. If the received call has been previously forwarded, the first and last forwarding DN's will be delivered to the called party who subscribes to redirected number delivery.

B. Rates and Charges

1. Optional Features

a. Feature for use with EKTS CPE Circuit Switched Voice/Circuit Switched Data

	Installation Charge	Monthly Rate	USOC
(1) Shared Primary DN - First appearance on each additional terminal			
(a) each	**$1.00**	**$1.50**	**DS1FJ**
(2) Secondary Only DN (Shared or Non-Shared) - First appearance			
(a) each	**2.00**	**1.50**	**LLDSF**
(3) Shared Secondary Only DN - First appearance on each additional terminal			
(a) each	**1.00**	**1.50**	**DS1F1**

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

Reserved for Future Use (T)

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.3 Primary Rate ISDN (T)

A42.3.1 General

A. Primary Rate ISDN ***(a/k/a PRI)*** is an intraLATA offering supported by the Integrated Services Digital Network (ISDN) architecture. (T)

B. Primary Rate ISDN provides an ISDN based DS1 access to the telecommunications network and includes the flexibility of integration of multiple voice and/or data transmission channels on the same line. The service will provide connectivity between ISDN compatible ***Customer Premises Equipment (***CPE***)*** and a serving central office. The service may not be installed at a carrier hotel, a collocation cage, or any similar location. The basic channel structure for Primary Rate ISDN is twenty three 64 Kbps B-Channels and one 64 Kbps D-Channel. The customer has the option to activate up to 23 B-Channels on the first Primary Rate ISDN arrangement and up to 24 channels on additional Primary Rate ISDN arrangements. A Digital Data Only option[1] and an Inward Data option are also available. The 23 B-Channels can be used to connect the customer's CPE to the Public Circuit Switched Network, e.g., outward, inward and 2-way network access. Calling Number Delivery, Called Number Delivery, Outgoing Calling Name Delivery and Hunting functionality are inherent to this service. Incoming Calling Name Delivery, an optional feature offered at rates listed in ***paragraph*** A42.3.4.D.5 is available in switch types where equipped. Redirecting Number, an optional feature described in ***paragraph*** A42.3.3, is offered at no charge to the customer in switch types where equipped. Numbers for use on Primary Rate ISDN are available in this Guidebook. One Directory Listing will be furnished at no charge for each Primary Rate ISDN B-Channel. Additional listings can be obtained as specified in Section A6. (T)

C. Primary Rate ISDN provides capability for the transmission of digital signals only. Clear Channel Capability and Extended Superframe Format are inherent to the service. (T)

D. Primary Rate ISDN is provided within a LATA from wire centers where appropriate ISDN facilities are available as determined by the Company. Special Construction charges may apply as specified in Section A5. (T)

E. Primary Rate ISDN Access Lines furnished between a serving wire center and a customer's premises will be offered at a non-distance sensitive rate per Primary Rate ISDN Access Line. If a customer wishes to utilize another Company provided transport facility (e.g., SMARTRing service) that can meet the required standards to carry the Primary Rate ISDN Access (DS1) Line, the customer will incur no charge for the Primary Rate ISDN Access (DS1) Line. MegaLink service cannot be utilized to provide transport for Primary Rate ISDN except where the Primary Rate ISDN is terminated in FlexServ service. Asynchronous Transfer Mode (ATM) Service can be utilized to transport Primary Rate ISDN Voice/Data - Flat Rate under the ***terms and conditions*** stated in ***paragraph*** A42.3.2.CD. (T)

F. Interoffice Channels furnished between central offices will be charged at rates based on airline distance between the central offices, except as provided in ***paragraph*** A42.3.2.Q. (T)

G. Airline distance between Company central offices shall be developed using the methodology found in ***paragraph*** B3.3.3. Fractional mileage shall be rounded up to the next full mile. (T)

H. The required components for Primary Rate ISDN are as follows: (T)

- Primary Rate ISDN Access Line where applicable (T)
- Interoffice Channels where applicable
- Primary Rate ISDN Interface (T)
- Primary Rate ISDN B-Channels (T)
- Primary Rate ISDN D-Channel (T)
- Numbers (T)
- Call Types

Note 1: Effective May 1, 2014, customers may not add the Digital Data Only option, and existing term plans for this option may not be renewed.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.3 Primary Rate ISDN (Cont'd) (T)

A42.3.1 General (Cont'd)

I. Incoming Call Extension (ICE) is an optional offering allowing customers to retain their numbers. Incoming Call Extension - Same Rate Center ***(ICE-SRC)*** and Incoming Call Extension – Different Rate Center ***(ICE-DRC)*** may be used in any ANSA arrangement. ICE-SRC and ICE-DRC may be used if the ANSA customer's non-equipped, serving wire center switch is replaced by a PRI capable switch. ICE is only available within the local calling area. (T)

1. ICE-SRC applies if the Customer's Serving Central Office and the ANSA office are in the same Toll Message Rate Center (TMRC). Rates and charges are applicable per number.
2. ICE-DRC applies if the Customer's Serving Central Office and the ANSA office are in different Toll Message Rate Centers. Hunting between ICE numbers is not allowed. Rates and charges are applicable number or per path. Customers may be required to make CPE software modifications to translate dialed numbers into terminated numbers.

J. Primary Rate ISDN B-Channel rates for the Voice/Data (Standard) option are listed in ***paragraph*** A42.3.4.C. Exchange access is included as a part of the B-Channel rate and is offered on a flat rate basis and on a usage sensitive basis with RegionServ. (T)

K. Primary Rate ISDN B-Channel rates for the Digital Data Only option[1] are listed in ***paragraph*** A42.3.4.C. Exchange access is included as a part of the B-Channel rate and is offered on a flat rate basis and on a usage sensitive basis with RegionServ. (T)

L. Primary Rate ISDN B-Channel rates for the Inward Data option are listed in ***paragraph*** A42.3.4.C. Exchange Access is included as a part of the B-Channel on a flat rate basis only. (T)

M. The Primary Rate ISDN Inward Data option is characterized by the following: (T)

1. It is arranged for inward service only. Originating calls will be denied.
2. It is arranged to terminate analog and digital data calls only.
3. The ***quantity*** of numbers associated with a Primary Rate ISDN Inward Data option arrangement must be equal to, or less than the ***quantity*** of Primary Rate ISDN Inward Data Interfaces comprising the arrangement, and all numbers must use the same routing unless the customer subscribes to additional numbers as stated in ***paragraph*** A42.3.4.C.7. This restriction does not apply to Inward Data Extended Reach Service. (T)
4. Calling Number Delivery, Called Number Delivery, and Hunting are inherent to the service.

N. Voice calls on the B-Channel may be completed to both ISDN and non-ISDN lines.

O. Digital 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 subjected to analog transmission or sub-rated to 56 Kbps.

P. Primary Rate ISDN Extended Reach Service (ERS) is available only for the Inward Data Option. ERS is designed to "extend the reach" of the Inward Data Option customer from a centrally located metropolitan local calling area into the areas of the LATA which are "non-local" to the metropolitan area. The ERS customer purchases numbers within each desired "non-local" calling area to allow their clients to call them without incurring intraLATA Long Distance Message Telecommunications Service charges. (T)

1. ERS is offered under two configurations:
   a. A Dedicated Route Arrangement, and
   b. A Final Route Arrangement.

   The ERS Dedicated Route Arrangement is only available where the target local calling area(s) have an ISDN equipped central office. It is intended for use where the volume of traffic is sufficient to warrant one or more dedicated DS1 interoffice facilities. The ERS Final Route Arrangement will be utilized where the target local calling area(s) do not have an ISDN equipped central office and/or the volume of traffic is insufficient to justify a dedicated DS1 interoffice facility.
2. For ERS Dedicated Route Arrangements the customer must purchase ERS Remote Telephone Numbers (RTNs), ERS Primary Rate Interfaces, and ERS B-Channels in the target local calling area(s). The ERS Primary Rate Interfaces and ERS B-Channels are extended to the customer's premises (typically in a centrally located metropolitan area, but in the same LATA as the target local calling area) via ERS Interoffice Channels and a Primary Rate ISDN Access Line or other Company provided transport facility. (T)
3. For ERS Final Route Arrangements the customer must purchase ERS RTNs in the target local calling area(s). Calls that terminate to these RTNs are switched over intraLATA toll message trunk groups to the customer's local serving central office where they terminate on ERS Final Route Primary Rate Interfaces and ERS Final Route B-Channels, via an ERS Final Telephone Number (FTN). A Primary Rate ISDN Access Line or other Company provided transport facility is required for connection to the customer's local serving central office. (T)

Note 1: Effective May 1, 2014, customers may not add the Digital Data Only option, and existing term plans for this option may not be renewed.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.3 Primary Rate ISDN (Cont'd) (T)

A42.3.1 General (Cont'd)

P. (Cont'd)

4. Calls may be overflowed from an ERS Dedicated Route Arrangement to an ERS Final Route Arrangement by utilizing the Overflow Feature for ERS Dedicated Route Arrangements. When all facilities are busy on the Customer's Dedicated Arrangement from a particular target local calling area, the Overflow Feature allows additional calls to be switched over intraLATA toll message trunk groups to the customer's local serving central office, where they terminate on ERS Final Route Primary Rate Interfaces and B-Channels, via an ERS FTN. A Primary Rate ISDN Access Line or other Company provided transport facility is required for connection to the customer's local serving central office. (T)
5. ERS is jointly provided with other companies only where technically feasible and where mutually agreed upon by the companies involved. (T)

Q. Calling Name/Number Delivery provides the user who is receiving a call with information about the calling party. Calling names/numbers will be delivered within the Common Channel Signaling System 7 serving area unless delivery is blocked by the customer's equipment.

A42.3.2 *Terms and Conditions* (T)

A. Primary Rate ISDN is available on a month-to-month basis or under variable rate periods, with rates based on lengths of twelve to twenty-three, twenty-four to forty-eight[1] months or forty-nine[1] to seventy-two[1] months under conditions specified in the Channel Services Payment Plan (CSPP) in B2.4 of the Private Line Guidebook and as stated following: (T)

1. A volume discount schedule is available to customers under month to month or contract rates as described in ***paragraph*** A42.3.4.E. A rate discount for Primary Rate ISDN Interfaces is calculated based upon the quantity of Primary Rate ISDN Interfaces on a billing account. In addition, a discount for Primary Rate ISDN B-Channels is calculated based upon the number of Primary Rate ISDN B-Channels on a billing account. (T)
2. A Termination Liability Charge is applicable if service is terminated prior to expiration of the contract. A Termination Liability Charge shall not apply for the termination of B-Channels prior to the expiration of the contract. (T)
3. For term plans entered into on or after April 3, 2001, a customer's liability for the termination of service prior to the time the customer's obligations under the term plan would have otherwise been satisfied are set forth in ***paragraph*** B.2.4.9.A.4 ***of the Private Line Guidebook***. (T)
4. During the last ninety (90) days of a CSPP contract or an existing term extension as provided in this paragraph, in addition to the Renewal Options stated in ***paragraph*** B2.4.9.A.7. ***of the Private Line Guidebook***, customers may extend their CSPP contract with the same rates, terms and conditions for up to two additional 6-month term extensions and two additional 12-month term extensions, in any combination. Term extensions may include associated transport rate elements as provided in ***paragraph*** A42.3.4. However, term extensions are not available for other Company provided transport facilities services being utilized to provide Primary Rate ISDN, as described in ***paragraph*** A42.3.1.E. The availability of this term extension option at any time is subject to the Company's right to discontinue or to otherwise change this option. Customers who exercise the term extension are not entitled to a different rate based on the overall term as extended (e.g., customers who initially have a 36-***month*** CSPP and extend it by an additional 24 months are not entitled to the rates allowed under a 60-month CSPP). An extension will begin on the expiration date of the existing CSPP or term extension. The customer will be required to sign an addendum to their CSPP contract for each term extension. (T)

   During the 6-month term contract extension period(s), the customer may terminate the service, or any service components, at any service location on thirty (30) days' notice without incurring a Termination Liability Charge.

   Requests to terminate a 12-month term extension prior to the end of the term shall generate a Termination Liability Charge. Termination Liability Charges shall be calculated for each 12-month extension, as a separate service term agreement, as illustrated in 2 and 3.

   Note 1: Effective October 1, 2013, customers may not establish new term plans greater than 36 months for Primary Rate ISDN, and existing term plans greater than 36 months may not be renewed or extended for a term greater than 36 months. (T)

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.3 Primary Rate ISDN (Cont'd) (T)

A42.3.2 *Terms and Conditions* (Cont'd) (T)

B. Nonrecurring charges associated with the Primary Rate ISDN Access Line or Interoffice Channel facilities will not be applicable when upgrading from an existing MegaLink service to Primary Rate ISDN. A Type 1 Service Change Charge as specified in ***paragraph*** A42.3.4.G will be applicable for the MegaLink service upgrade in addition to nonrecurring charges for other Primary Rate ISDN rate elements ordered. (T)

C. No nonrecurring charges will be applicable when converting MegaLink ISDN service to Primary Rate ISDN or for converting from one Primary Rate ISDN option to another, e.g. Voice/Data to Inward Data or Inward Data to Inward Data Extended Reach Service (ERS). The term "conversion" means that the Primary Rate Interface(s) remain in place in the same central office. If the Primary Rate Interface(s) are moved in connection with ERS, the change is considered a rearrangement, and ***terms and conditions*** stated in ***paragraph*** D are applicable. No termination charges are applicable for conversions when: (T)

1. The contract selected for the new Primary Rate ISDN arrangement is coterminous with the previous contract or is for a 24 month period, whichever is longer, and, (T)
2. the service orders to disconnect the previous arrangement and to install the new Primary Rate ISDN arrangement are related together and received by the Company at the same time with no lapse in billing of service. (T)

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.3 Primary Rate ISDN (Cont'd) (T)

A42.3.2 *Terms and Conditions* (Cont'd) (T)

D. Rearrangement charges stated in ***paragraph*** A42.3.4.G are applicable for moves of Primary Rate Interfaces from one central office to another in connection with the initial installation of Inward Data ERS or for subsequent moves of Primary Rate Interfaces from one central office to another for ERS Final or Dedicated arrangements. Termination Liability charges are not applicable if the number of Primary Rate Interfaces is not reduced. (T)

E. Upgrades, from a MegaLink service and/or a MegaLink channel service contract arrangement, are permitted with no Termination Liability when:

1. A new contract is selected for the Primary Rate ISDN equal to or greater in length than the arrangement being terminated, and (T)
2. The service orders to disconnect the MegaLink channel service arrangement and to install the Primary Rate ISDN are related together and received by the Company at the same time with no lapse in billing of service. (T)

F. The minimum subscription period for which month-to-month Primary Rate ISDN is furnished and for which charges are applicable is one month. (T)

G. Unless otherwise specified, the terms and conditions Primary Rate ISDN stated herein apply in addition to the ***terms and conditions*** set forth in Section A2. (T)

H. Customer Premises Equipment (CPE) that is compatible with the Primary Rate ISDN interface is the responsibility of the customer. (T)

I. The Company shall not be responsible if changes in any of the equipment, operations, or procedures of the Company utilized in the provisioning of Primary Rate ISDN 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. Digital transmission rates at speeds less than those indicated may be accomplished as a function of the particular CPE furnished by the customer. (T)

J. Suspension of service is not allowed.

K. ***Terms and Conditions*** for Allowance of Interruptions apply as specified in Section B2 ***of the Private Line Guidebook***. (T)

L. Service Charges in Section A4 do not apply.

M. Hunting rates, Direct Inward Dialing (DID) rates, Customized Code Restriction rates, Selective Class of Call Screening rates, and Foreign Exchange rates do not apply.

N. Verification and Emergency Interrupt service is not available.

O. Calling numbers transmitted via Primary Rate ISDN are intended solely for the use of the Primary Rate ISDN subscriber. Resale of this information is prohibited except the caller's numbers may be provided to the subscriber's client for those calls sponsored or provided by that client where the client's identity is disclosed to the caller and the client agrees not to distribute such information to others. (T)

P. Non-facility Associated Signaling (NFAS) provides the capability to control multiple DS1s with a single D-Channel. 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 Primary Rate ISDN arrangement with one D-Channel and up to 23 B-Channels. Additional Primary Rate ISDN arrangements are ordered with up to 24 B-Channels at rates and charges provided in ***paragraph*** A42.3.4. The D-Channel activated on the initial arrangement serves the additional Primary Rate ISDN arrangements. If the customer desires, he may also request a backup D-Channel with the NFAS option. The Voice/Data (Standard) Primary Rate ISDN and Digital Data Only option[1] Primary Rate ISDN arrangements may not be mixed in the same NFAS group. (T)

Q. When a customer's normal serving central office is not equipped to provide Primary Rate ISDN, the customer may be served, at the Company's option, from an equipped central office without incurring interoffice channel charges. Primary Rate ISDN customers to be served under this arrangement must sign an agreement that the service may be moved back at the Company's discretion to the normal serving central office and to a probable number change when/if that office is equipped with ISDN. This is referred to as the Alternate Network Serving Arrangement (ANSA). If a customer, under ANSA, requests Primary Rate ISDN from an ISDN equipped central office other than that determined by the Company, interoffice channel charges as specified in ***paragraph*** A42.3.4.B will apply. Also, if a customer requests Primary Rate ISDN from a central office other than their normal serving office and ANSA does not apply, interoffice channel charges will apply as specified in ***paragraph*** A42.3.4.B. ANSA does not apply for Inward Data Extended Reach Service. (T)

Note 1: Effective May 1, 2014, customers may not add the Digital Data Only option, and existing term plans for this option may not be renewed.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.3 Primary Rate ISDN (Cont'd) (T)

A42.3.2 *Terms and Conditions* (Cont'd) (T)

R. The Primary Rate ISDN - Digital Data Only option[1] provides for the transmission of data mode calls only. The Primary Rate ISDN - Digital Data Only arrangement will be provisioned with the customer's requested number of Digital Data Only B-channels with no B-channels capable of transmitting voice mode calls in the same arrangement. (T)

S. The Primary Rate ISDN Inward Data option provides for the transmission of inward analog and digital data calls only. (T)

T. Terms and Conditions in Section A2 prohibiting the mixing of flat and message or flat and measured service do not apply for Primary Rate ISDN. (T)

U. No usage charges apply for calls within the local calling area for Primary Rate ISDN customers utilizing the Flat Rate Primary Rate ISDN B-Channel. Long Distance Message Telecommunications Service rates as specified in Section A18 apply for intraLATA calls terminated beyond the local calling area. (T)

V. The following usage terms and conditions will apply for all dialed sent paid local calls for Primary Rate ISDN customers utilizing the Usage Sensitive Primary Rate ISDN B-Channel: (T)

1. Usage charges will be billed at the usage rates described in A3.2.9 for RegionServ.
2. Summarized total usage charges for calls within the Basic and Expanded Local Calling Areas will be reduced by fifty percent prior to the application of the usage allowance. Time/Day discounts described in A3.2.9 do not apply.
3. A usage allowance of $20.00 per activated B-Channel is applicable for all local calls terminating in Band A.
4. Total billed usage charges above the allowance will not exceed $20.00 per activated B-Channel for calls terminating in Band A.
5. Local calls that are not dialed sent paid (i.e., operator assisted, etc.) will be billed individually at the same usage rates specified in A3.2.9 (including Time/Day usage provisions), in addition to any applicable Local Calling Card Service or Operator Assisted Local Call surcharges. Such calls are itemized on the subscriber's billing statement and are billed outside any applicable calling allowance or usage billing reductions for dialed sent paid local calls.

W. The Next Route Index Feature allows a Primary Rate ISDN Digital Data Only customer to arrange analog calls to overflow to a Voice/Data arrangement in the same switch or allows the customer to overflow analog and digital calls to a Voice/Data arrangement in the same switch. These same capabilities are available to a Primary Rate ISDN Inward Data customer to overflow calls to a Voice/Data arrangement in the same switch. It does not allow Voice/Data or Inward Data calls to overflow to a Digital Data Only arrangement nor does it allow Voice/Data or Digital Data Only calls to overflow to an Inward Data arrangement. (T)

X. Primary Rate ISDN Digital Data Only Signaling Groups may be configured in one of the following four standard arrangements of call types: (T)

1. Inward Calls: The number of Inward calls accommodated by the Signaling Group will be equal to the number of activated B-channels.
2. Outward calls: The number of Outward calls accommodated by the Signaling Group will be equal to the number of activated B-channels.
3. Inward calls and Outward calls: The maximum number of simultaneous calls for each call type is determined by the customer. For each call type, the maximum number of simultaneous calls must be less than or equal to the number of activated B-Channels in the Signaling Group.
4. 2-Way calls: The number of 2-Way calls accommodated by the Signaling Group will be equal to the number of activated B-Channels.

Y. The Company reserves the right to audit the customer's traffic usage for the Incoming Call Extension feature to insure that simultaneous calls are not occurring on the low use option. If such calls are occurring, the customer will be required to subscribe to the high use option.

Z. The Service Installation Guarantee as set forth in B2.4.17 of the Private Line Guidebook applies for Primary Rate ISDN. (T)

Note 1: Effective May 1, 2014, customers may not add the Digital Data Only option, and existing term plans for this option may not be renewed.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.3 Primary Rate ISDN (Cont'd) (T)

A42.3.2 *Terms and Conditions* (Cont'd) (T)

AA. (Obsoleted, See Section A142.3)

BB. The provisions stated under ***paragraph*** B2.4.14 of the Private Line ***Guidebook***, Cancellation of a Service Order, apply for Primary Rate ISDN. In addition, the customer must accept service within 45 calendar days after the original service date or choose one of the following options: (T)

- The service order shall be cancelled and charges as set forth in ***paragraph*** B2.14.14 ***of the Private Line Guidebook*** will apply, or (T)
- Billing for the service will commence on the 46th day beyond the original service date of the service order.

CC. Customer requested changes from Primary Rate ISDN to intrastate or interstate Fast Packet Services and associated transport under a contract payment plan are permitted with no termination liability when: (T)

1. A new contract is selected for the Fast Packet Service equal to or greater in length than the Primary Rate ISDN arrangement being terminated, and (T)
2. The service orders to disconnect the Primary Rate ISDN and to install the Fast Packet Service are related together and received by the Company at the same time with no lapse in billing of service. (T)

DD. ATM Service can be utilized to provide transport for Primary Rate ISDN Voice/Data - Flat Rate under the following conditions: (T)

1. The Unstructured Circuit Emulation Customer Connection - PRI over ATM rate element specified in ***A140.8*** applies for each Voice/Data Flat Rate Interface transported via ATM. Other ATM rates are applicable as stated in ***A140.8***. (T)
2. Interoffice Channel rates stated in A42.3.4 apply when the Primary Rate ISDN switch and the ATM switch are not located in the same central office.
3. Rates for the B-Channel to be used with ATM are specified in A42.3.4. (T)
4. In accordance with ***terms and conditions for*** the provisioning of local exchange service via Primary Rate ISDN Service, the PVC Segment associated with the Unstructured Circuit Emulation Customer Connection - PRI over ATM may only be mapped to a PVC Segment associated with a local ATM Service Customer Connection whose service terminates to a premises within the same LATA as the Primary Rate ISDN Service switch. (T)

EE. The PRI Overflow feature for Voice/Data Arrangements allows calls to overflow from a customer's Voice/Data PRI Arrangement to a number. The calls must overflow to a ***Company*** business number residing in the same central office switch as the customer's Voice/Data PRI Arrangement. (T)

A42.3.3 Definitions

CALL-BY-CALL CAPABILITY

The term "Call-by-Call" denotes the ability of a Primary Rate ISDN B-Channel to carry a call of any call type (e.g., Inward, Outward, or 2-Way) as needed. This is distinct from other technologies where transmission channels are, due to technical limitations, segregated by call types. (T)

CALL TYPES

The term "Call Types" denotes the use of three types of Simulated Facility Groups (SFGs) available with Primary Rate ISDN which are described as Inward, Outward, and 2-way. (T)

D-CHANNEL

The term "D-Channel" denotes a 64 Kbps digital signaling only channel for call establishment when used with Primary Rate ISDN. (T)

D-CHANNEL BACKUP

D-Channel Backup (DCBU) provides one of the DS1's in the NFAS arrangement with a spare D-Channel. This spare D-Channel is used to control signaling and call setup if the main D-Channel fails. The main D-Channel and the spare D-Channel are never provided on the same DS1. The channel configuration for NFAS with DCBU arrangements may be described as pB+2D where $1 \leq p \leq 478$. Thus, the maximum channel configuration for a NFAS with DCBU arrangement is 478B+2D.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.3 Primary Rate ISDN (Cont'd) (T)

A42.3.3 Definitions (Cont'd)

DIGITAL DATA ONLY B-CHANNEL[2]

The term "Digital Data Only[2] B-Channel" denotes a bi-directional synchronous channel capable of supporting 64 Kbps of digitally transmitted data mode calls when provisioned by the Primary Rate ISDN - Digital Data Only option[2]. (T)

EXTENDED REACH SERVICE FINAL TELEPHONE NUMBER (ERS FTN)

ERS FTNs are numbers assigned in the ERS subscriber's serving central office. These numbers are required for ERS Final Route Arrangements and may be required where the Overflow Feature for ERS Dedicated Route arrangements is utilized for call overflows to intraLATA toll message trunk groups. (T)

EXTENDED REACH SERVICE REMOTE TELEPHONE NUMBER (ERS RTN)

ERS RTNs are numbers assigned to each local calling area to which the Extended Reach subscriber provides local number access. These numbers are applicable for both ERS Dedicated Route Arrangements and ERS Final Route Arrangements. (T)

FACILITY ASSOCIATED SIGNALING

In Facility Associated Signaling (FAS) arrangements for Primary Rate ISDN, a D-Channel is provided for every DS1 facility. Since the subscriber may select the number of B-Channels activated (up to 23), the channel configuration for FAS arrangements may be described as nB+D where $1 \leq n \leq 23$. Thus, the maximum channel configuration for a FAS arrangement is 23B+D. (T)

HIGH USE OPTION

The term "High Use Option" for Incoming Call Extension denotes that more than one simultaneous incoming call is received per number. (T)

INCOMING CALLING NAME DELIVERY

Delivery of the name associated with a call incoming to the customer's PRI and customers premise equipment for display on a telephone with appropriate display equipment.

INTEROFFICE CHANNEL

An Interoffice Channel provides for the transmission facilities between Company serving wire centers within a LATA.

INWARD CALL

An Inward call denotes a call that is switched through the Company Network and terminates in a Primary Rate ISDN arrangement[1]. (T)

INWARD DATA B-CHANNEL

An Inward Data B-Channel provides circuit switched service that will allow either analog or digital data transmission at up to 64 Kbps and will include the functionality of Hunting and Calling/Called Number Delivery.

LOW USE OPTION

The term "Low Use Option" for Incoming Call Extension denotes that a maximum of one incoming call is received per number at one time. (T)

NEXT ROUTE INDEX FEATURE

The Next Route Index Feature allows a Primary Rate ISDN Digital Data Only customer to arrange analog calls to overflow to a Voice/Data arrangement[1] in the same switch or allows the customer to overflow analog and digital calls to a Voice/Data arrangement[1] in the same switch. These same capabilities are available to a Primary Rate ISDN Inward Data customer to overflow calls to a Voice/Data arrangement[1] in the same switch. (T)

Note 1: A Primary Rate ISDN Arrangement may be either a single PRI or multiple PRIs that are associated with the same number or numbers. (T)

Note 2: Effective May 1, 2014, customers may not add the Digital Data Only option, and existing term plans for this option may not be renewed.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.3 Primary Rate ISDN (Cont'd) (T)

A42.3.3 Definitions (Cont'd)

NON-FACILITY ASSOCIATED SIGNALING

In Non-Facility Associated Signaling (NFAS) arrangements for Primary Rate ISDN, a D-Channel controls multiple (up to 20) DS1 facilities. In NFAS arrangements, the first DS1 will typically be configured as 23B+D, and all other DS1's controlled by the D-Channel will be configured as 24B. The channel configuration for NFAS arrangements may be described as mB+D where $1 \leq m \leq 479$. Thus, the maximum channel configuration for a NFAS arrangement is 479B+D. (T)

OUTGOING CALLING NAME DELIVERY

The name that is delivered to business and residences Calling Name Display equipment for customers so equipped when an outgoing call is placed. This name is defined in section A.6.2.1. All customer numbers will use this name unless Secondary Calling Name Delivery is purchased. (T)

OUTWARD CALL

An Outward call denotes a call that originates on a Primary Rate ISDN arrangement[1] and is switched through the network. (T)

OVERFLOW FEATURE FOR EXTENDED REACH SERVICE DEDICATED ROUTE ARRANGEMENTS

The Overflow Feature for Extended Reach Service Dedicated Route Arrangements allows calls to overflow from a customer's ERS Dedicated Route Arrangement to the same customer's Final Route Arrangement. When all facilities are busy on the customer's Dedicated Route Arrangement from a particular target local calling area, additional calls are switched over intraLATA toll message trunk groups to the customer's local serving central office, where they terminate on ERS Final Route Primary Rate Interfaces and B-Channels, via an ERS Final Telephone Number.

OVERFLOW FEATURE FOR VOICE/DATA ARRANGEMENTS[1]

The Overflow Feature for Voice/Data PRI Arrangements[1] allows calls to overflow from a customer's Voice/Data PRI Arrangement[1] to a ***Company*** number residing in the same central office as the customer's Voice/Data Arrangement[1]. (T)

Note 1: A Primary Rate ISDN Arrangement may be either a single PRI or multiple PRIs that are associated with the same number or numbers. (T)

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.3 Primary Rate ISDN (Cont'd) (T)

A42.3.3 Definitions (Cont'd)

PRIMARY RATE ISDN ACCESS LINE (T)

A Primary Rate ISDN Access Line provides a four-wire access loop from the serving wire center to the customer premises. (T) The transmission characteristics of this loop support Clear Channel Capability and Extended Superframe Format (ESF).

PRIMARY RATE ISDN B-CHANNEL (T)

A Primary Rate ISDN B-Channel provides circuit switched service that will allow either voice or data transmission at up to 64 (T) Kbps and will include the functionality of hunting and calling/called number delivery.

PRIMARY RATE ISDN D-CHANNEL (T)

A Primary Rate ISDN D Channel provides a 64 Kbps digital signaling-only channel for call establishment and control. (T)

PRIMARY RATE ISDN INTERFACE (T)

A Primary Rate ISDN Interface provides multiplexing to support up to 23 B-Channels at 64 Kbps and one D-Channel for (T) signaling also at 64 Kbps. When Non-facility Associated Signaling (NFAS) is ordered, the Primary Rate ISDN Interface can provide up to 24 B-Channels at 64 Kbps. One Primary Rate ISDN Interface is required for each Primary Rate ISDN Access Line.

REDIRECTING NUMBER FEATURE

This feature provides delivery of up to two Redirecting Numbers on a terminating Primary Rate Interface. When a call is redirected by a line to a Primary Rate Interface, the directory number of the redirecting line is passed by the switch to the terminating Primary Rate Interface along with the calling party number.

SECONDARY CALLING NAME DELIVERY

Secondary Calling Name Delivery is an optional feature that allows the delivery of a Listed Directory Name other than the name defined in Outgoing Name Delivery. A secondary calling name may be associated with a number or range of numbers

SIGNALING GROUP

A set of Primary Rate ISDN DS1's that is controlled by one D-Channel, or by one D-Channel together with the associated (T) backup D-Channel is called Primary Rate ISDN Signaling Group. In a FAS arrangement, each DS1 constitutes a Signaling Group. In NFAS arrangements, all the DS1's controlled by the main D-Channel (and, optionally, by the Backup D-Channel) constitute a Signaling Group.

VOICE/DATA B CHANNEL

The term "Voice/Data B Channel" denotes a bi-directional synchronous channel capable of supporting 64 Kbps of digital transmission.

2-WAY CALL

The term "2-Way calls" denotes calls which either originate or terminate on a Primary Rate ISDN arrangement. (T)

64 KBPS CLEAR CHANNEL CAPACITY (CCC)

The term "64 KBPS Clear Channel Capacity" (CCC) denotes a B-Channel connection that provides end-to-end digital connection in which all 64 Kbps of bandwidth are available for customer use.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.3 Primary Rate ISDN (Cont'd) (T)

A42.3.4 Rates and Charges

	Nonrecurring Charge	Month to Month	12 to 23 Months	24 to 48[2] Months	49 to 72[2] Months	USOC	
A. Primary Rate ISDN Access Line is furnished between a serving wire center and the customer's premises. If other services are used for transport as described in ***paragraph*** A42.3.1.E, no additional rate applies (Provisioning USOC: 1LD1F).							(T)
1. Primary Rate ISDN Access Line, each							(T)
(a) Primary Rate ISDN Access Line, each	**$875.00**	**$343.00**	**$135.00**	**$130.00**	**$120.00**	**1LD1E**	(T)
B. Interoffice Channels furnished between Central Offices. Rates are based on the airline distance between Central Offices.							
1. Interoffice Channel, each channel							
(a) Fixed Monthly Rate	**125.00**	**75.00**	**70.00**	**65.00**	**60.00**	**1LN1A**	
(b) Each airline mile or fraction thereof	**-**	**24.00**	**23.00**	**22.00**	**20.00**	**1LN1B**	
C. Primary Rate ISDN will be available in combinations of channels according to the limits of the Company Central Office type. Customers will choose the most appropriate combinations and will be billed for the services accordingly.							(T)
1. Primary Rate ISDN Interface, each							
(a) Voice/Data (Standard)	**110.00**	**970.00**	**400.00**	**375.00**	**350.00**	**PR71V**	
(DELETED)							(D)
(b) Digital Data Only Option[1,3]	**110.00**	**970.00**	**400.00**	**375.00**	**350.00**	**PR71D**	(T)
(DELETED)							(D)
(c) Inward Data Option	**110.00**	**970.00**	**400.00**	**375.00**	**350.00**	**PR71E**	
(DELETED)							(D)
(d) Inward Data Option with Extended Reach Service – Dedicated Route	**110.00**	**970.00**	**400.00**	**375.00**	**350.00**	**PR71C**	
(DELETED)							(D)
(e) Inward Data Option with Extended Reach Service – Final Route	**110.00**	**970.00**	**400.00**	**375.00**	**350.00**	**PR71U**	
(DELETED)							(D)
2. Flat Rate Primary Rate ISDN B-Channels							(T)
(a) Voice/Data (Standard)	**5.00**	**181.00**	**55.00**	**53.00**	**50.00**	**PR7BV**	
(DELETED)							(D)
(b) Voice/Data (Standard) for use over ATM	**5.00**	**38.00**	**34.00**	**32.00**	**30.00**	**PR7BT**	
(c) Digital Data Only Option[1, 3]	**5.00**	**28.85**	**27.50**	**26.15**	**23.85**	**PR7BF**	(T)
(d) Inward Data Option	**5.00**	**41.00**	**39.50**	**38.35**	**36.00**	**PR7BD**	
(e) Inward Data Option with Extended Reach Service – Dedicated Route	**5.00**	**50.00**	**48.00**	**46.00**	**42.00**	**PR7BE**	
(f) Inward Data Option with Extended Reach Service – Final Route	**5.00**	**67.00**	**65.00**	**62.00**	**57.00**	**PR7BL**	

Note 1: As of January 25, 2013, Variable Rate Periods of 24 months and greater are no longer available for new or renewing subscribers of the Digital Data Only option.

Note 2: Effective October 1, 2013, customers may not establish new term plans greater than 36 months for Primary Rate ISDN, and existing term plans greater than 36 months may not be renewed or extended for a term greater than 36 months. (T)

Note 3: Effective May 1, 2014, customers may not add the Digital Data Only option, and existing term plans for this option may not be renewed.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.3 Primary Rate ISDN (Cont'd) (T)

A42.3.4 Rates and Charges (Cont'd)

C. (Cont'd)

		Nonrecurring Charge	Month to Month	12 to 23 Months	24 to 48[1] Months	49 to 72[1] Months	USOC	
3.	Usage Sensitive Primary Rate ISDN B-Channels for use with RegionServ, each[2]							(T)
	(a) Voice/Data (Standard)	**$5.00**	**$181.00**	**$55.00**	**$53.00**	**$50.00**	**PR7BS**	
	(DELETED)							(D)
	(b) Digital Data Only Option[3,5]	**5.00**	**28.85**	**27.50**	**26.15**	**23.85**	**PR7BU**	(T)
4.	Primary Rate ISDN D-Channel - Requires Provisioning USOC: PR7EX							(T)
5.	Extended Reach Dedicated Interoffice Channel – Requires Provisioning USOC: PR7OE							
6.	Primary Rate ISDN Call types[4]							(T)

Requires Provisioning USOC per Call Type:

Call Type	USOC
Inward Only	PR7C1
Outward Only	PR7CO
2-Way	PR7CC

Note 1: Effective October 1, 2013, customers may not establish new term plans greater than 36 months for Primary Rate ISDN, and existing term plans greater than 36 months may not be renewed or extended for a term greater than 36 months. (T)

Note 2: The monthly rate includes a $20.00 calling allowance as described in ***paragraph*** A42.3.2.V. (T)

Note 3: As of January 25, 2013, Variable Rate Periods of 24 months and greater are no longer available for new or renewing subscribers.

Note 4: The Inward Data option is restricted to the Inward Only Call Type.

Note 5: Effective May 1, 2014, customers may not add the Digital Data Only option, and existing term plans for this option may not be renewed.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.3 Primary Rate ISDN (Cont'd) (T)

A42.3.4 Rates and Charges (Cont'd)

C. (Cont'd)

		Nonrecurring Charge	Monthly Rate	USOC	
7.	Numbers for Usage Sensitive Primary Rate ISDN - RegionServ (Voice/Data and Digital Data Only Options[3])				(T)
	(a) Per number requested inward and 2-way	-	**$ .20**	**PR7TL**	
	(b) Per number requested outward only - No Rate (Provisioning Only)	-	-	**PR7TM**	
8.	Numbers for Flat Rate Primary Rate ISDN (Voice/Data and Digital Data Only Options[3])				(T)
	(a) Per number requested inward and 2-way	-	**.20**	**PR7TF**	
	(b) Per number requested outward only - No Rate (Provisioning Only)	-	-	**PR7TO**	
9.	Numbers for Flat Rate Inward Data Option				(T)
	(a) Each number requested inward only within standard allowance[1]	-	**.20**	**PR7TF**	
	(b) Each additional number requested inward only above standard allowance[1]	-	**20.00**	**PR7ZT**	
	(c) Each Remote Number requested inward only with Extended Reach Service – Dedicated Route[1]	-	**20.00**	**PR7T1**	
	(d) Each Final Number requested inward only with Extended Reach Service[2]	-	**20.00**	**PR7L2**	
	(e) Each Remote Number requested inward only with Extended Reach Service – Final Route[2]	-	**20.00**	**PR7RM**	

Note 1: The standard allowance is equal to the number of Primary Rate ISDN Inward Data Interfaces comprising the arrangement. (T)

Note 2: Final Route Arrangements require an ERS Remote Telephone Number (RTN) and an ERS Final Route Telephone Number (FTN). RTNs are not available in 1AESS central offices.

Note 3: Effective May 1, 2014, customers may not add the Digital Data Only option, and existing term plans for this option may not be renewed.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.3 Primary Rate ISDN (Cont'd) (T)

A42.3.4 Rates and Charges (Cont'd)

D. Optional Offerings

1. ANSA – Interoffice Mileage per Primary Rate ISDN Access Line – Provisioning USOC: 2LHLM (T)

	Nonrecurring Charge	Month to Month	12 to 23 Months	24 to 48[1] Months	49 to 72[1] Months	USOC
2. Incoming Call Extension - Same Rate Center						
(a) (Obsoleted, See Section A142)						
(b) (Obsoleted, See Section A142)						
(c) (Obsoleted, See Section A142)						
(d) ICE-SRC, Per number in the same rate center[2]	-	**$ .20**	-	-	-	**PR7TF**
3. Incoming Call Extension – Different Rate Center						
(a) ICE-DRC, Per Number – Month-to-Month Option	**$ 10.00**	**.40**	-	-	-	**PR7NZ**
(b) ICE-DRC, Per Number – Term Plan Option	-	-	**$ .35**	**$ .30**	**$ .25**	**PR7NZ**
4. Next Route Index Feature						
(a) Per analog arrangement	**100.00**	**30.00**	**28.50**	**27.00**	**25.00**	**PR7GX**
(b) Per analog and digital arrangement	**100.00**	**30.00**	**28.50**	**27.00**	**25.00**	**PR7GY**
5. Overflow Feature for Extended Reach Service Dedicated Route Arrangement						
(a) Per Remote Number	**100.00**	**54.00**	**52.00**	**50.00**	**46.00**	**PR7AU**
6. Calling Name Delivery Feature						
(a) Per Primary Rate Interface	-	**100.00**	**85.00**	**75.00**	**69.00**	**PR7CN**
7. Redirecting Number Feature per Primary Rate Interface – Provisioning USOC: PR7RN						
8. PRI Overflow Feature for Voice/Data Arrangements						
(a) Per analog and digital arrangement	**100.00**	**30.00**	**28.50**	**27.00**	**25.00**	**PR7OF**
9. Secondary Calling Name Delivery[3]						
(a) Per number	**10.00**	**4.00**	**4.00**	**4.00**	**4.00**	**PR7SN**

Note 1: Effective October 1, 2013, customers may not establish new term plans greater than 36 months for Primary Rate ISDN, and existing term plans greater than 36 months may not be renewed or extended for a term greater than 36 months. (T)

Note 2: These rates apply only to new ICE-SRC service ordered on or after June 14, 2004.

Note 3: Each number requires an additional listing. Listings for this service are subject to ***terms and conditions*** specified in Section A6 for directory listings. (T)

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.3 Primary Rate ISDN (Cont'd) (T)

A42.3.4 Rates and Charges (Cont'd)

E. Volume Discounts

1. When the total number of Primary Rate ISDN Interfaces of all types equals or exceeds 6 on a billing account, a credit as listed below will be applied per billing cycle to the Interface monthly rate. The amount of the credit will be based on the total number of Interfaces of all types. (T)

   a. Voice/Data (Standard)

Number of Primary Rate ISDN Interfaces	Percent Discount
6 to 10	4
11 to 15	7
More than 15	10

   b. Digital Data Only Option[1]

Number of Primary Rate ISDN Interfaces	Percent Discount
6 to 10	3
11 to 15	4
More than 15	5

   c. Inward Data Option

Number of Primary Rate ISDN Interfaces	Percent Discount
6 to 10	3
11 to15	4
More than 15	5

2. When the total number of Primary Rate ISDN B-Channels of all types equals or exceeds 138 on a billing account, a credit as listed below will be applied per billing cycle to the B-Channel monthly rate. The amount of the credit will be based on the total number of B-Channels of all types. (T)

   a. Voice/Data (Standard)

Number of Primary Rate ISDN B-Channels	Percent Discount
138 to 252	4
253 to 367	7
More than 367	10

   b. Digital Data Only Option[1]

Number of Primary Rate ISDN B-Channels	Percent Discount
138 to 252	3
253 to 367	4
More than 367	5

   c. Inward Data Option

Number of Primary Rate ISDN B-Channels	Percent Discount
138 to 252	3
253 to 367	4
More than 367	5

F. Move Charge

1. An inside move charge, applies for each Primary Rate ISDN Access Line moved to a new location in the same building. The inside move charge is equal to the sum of the Service Change Charge, and the Premises Visit Charge. (T)
2. An inter-building same premises or off premises move charge, per Primary Rate ISDN Access Line, applies for each Primary Rate ISDN Access arrangement moved to a different building on the same premises or to a different premises in Company territory within the same state. (T)
3. If the serving central office does not change, this move charge is equal to the sum of the nonrecurring charges applicable for installation of a Primary Rate ISDN Access Line. Other charges, e.g., Interoffice Channel Charges, may apply as appropriate. (T)

Note 1: Effective May 1, 2014, customers may not add the Digital Data Only option, and existing term plans for this option may not be renewed.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.3 Primary Rate ISDN (Cont'd) (T)

A42.3.4 Rates and Charges (Cont'd)

F. Move Charge (Cont'd)

4. If the serving central office does change, the move will be treated as a disconnect and reconnect with full nonrecurring charges applicable for the Primary Rate ISDN arrangement. If a customer is moving service to a new Serving Wire Center that is in the same Toll Message Rate Center as the customer's current Serving Wire Center then the customer may retain the same numbers at the new location at no additional charge. Other local switched service types may be installed at the old location. In the event the customer requests a subsequent move to yet another central office, the Company will determine the feasibility of allowing the customer to retain their phone numbers on a case by case basis. (T)
5. The move from the original location to the new location, and subsequent disconnection of the original location must be completed within ninety (90) days of the new location install date, or prior to expiration of the current contract term, whichever comes first.
6. Termination Liability Charges will not apply for moves of Primary Rate ISDN if the conditions stated in ***the Private Line Guidebook, Section*** B2 are met. However, Termination Liability Charges will apply if the move is not completed within the ninety (90) days as stated in ***Section*** A42. (T)

G. Service Rearrangement Charges

Service Rearrangement 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 or for processing the necessary data for a change on an existing Primary Rate ISDN. Premises Visit Charges are applicable for inside moves. Only one Premises Visit Charge applies when more than one Primary Rate ISDN Access Line is moved at the same premises at the same time. (T)

	Nonrecurring Charge	USOC	
1. Service Change and/or Inside Move, Per Primary Rate ISDN Access Line			(T)
(a) Inside move or change requiring redesign of transmission facilities - Type 1	**$160.00**	**NRCPM**	
(b) Change involving central office translations and all other types of changes - Type 2	**65.00**	**NRCPB**	
2. Per Transfer of Responsibility and Record Orders			
(a) Each	**8.00**	**NRCPT**	
3. Premises Visit Charge			
(a) Per Primary Rate ISDN Access Line moved in the same building	**14.00**	**NRCPC**	(T)
4. Extended Reach Service (ERS) Rearrangement Charge			
(a) Per ERS Primary Rate Interface	**225.00**	**NRCPE**	

H. Due Date Change Charge

1. Any request to change the due date after the first change will incur a Due Date Change Charge.
2. The Due Date Change Charge is in addition to all other applicable nonrecurring charges.

(a) Per request (after initial request)	**50.00**	**PR7DD**

I. Expedite Request Charge

1. Any request to change the due date for a service installation that is in advance of the Company's stated standard installation interval for such service will incur an Expedite Request Charge.
2. The Expedite Request Charge is in addition to all other applicable nonrecurring charges.

(a) Per request	**350.00**	**PR7EP**

A43. CHANNELIZED VOICE TRANSPORT SERVICES

CONTENTS

A43. CHANNELIZED VOICE TRANSPORT SERVICES

A43.1 BellSouth Channelized Trunks (Cont'd)

A43.1.1 General (Cont'd)

D. The design, maintenance and operation of BellSouth Channelized Trunks is intended for communications originating and terminating from customers' premises to the normal serving wire center (SWC).

A43.1.2 *Terms and Conditions* (T)

A. To ensure satisfactory operation, terminal equipment provided by the customer must be compatible with the DS1/1.544 Mbps arrangement provided by the Company. The technical specifications and standard network interfaces for BellSouth Channelized Trunks are consistent with those specified in BellSouth Technical Reference Publication 73525. This publication is available from ***AT&T*** Telecommunications, Inc., Regional Documentation Coordinator, 20th Floor, 600 North 19th Street, Birmingham, Alabama, 35203. (T)

B. Unless specified otherwise, BellSouth Channelized Trunks ***Terms and Conditions*** as set forth herein apply in addition to ***Terms and Conditions*** as set forth in Section A2. (T)

C. The capability to utilize FlexServ Service and MegaLink Plus Service in connection with BellSouth Channelized Trunks is allowed as specified herein in addition to those set forth for FlexServ Service in Section A32, or MegaLink Plus Service in Section B7 of the Private Line Guidebook. Minimum requirements to establish and maintain BellSouth Channelized Trunks as specified herein are still applicable.

D. At a minimum, BellSouth Channelized Trunks shall consist of one 1.544 Mbps Access Line (or other transport service substitute), one Service Interface, one Channel, and one Number. Appropriate surrogate elements of service are allowed. These minimal requirements are necessary including connections to BellSouth's FlexServ Service or MegaLink Plus Service. Quantities not meeting these minimum requirements will be considered a disconnection of BellSouth Channelized Trunks and Termination Liability Charges will apply as specified in paragraph A43.1.4.

E. Suspension of BellSouth Channelized Trunks is not allowed.

F. ***Terms and Conditions*** for allowances arising out of mistakes, omissions, interruptions, preemptions or delays, errors or defects in transmission of service apply as specified in paragraph A2.5. (T)

G. Two-way DID Service is not allowed for use with BellSouth Channelized Trunks.

H. Foreign Exchange Service is not allowed for use with BellSouth Channelized Trunks.

I. The Company does not assume responsibility for the compatibility or suitability of customer's equipment. Dispatches to customer premises caused by customer equipment troubles will result in a Premise Visit Charge as provided in paragraph A43.1.4. This charge applies to customers for each dispatch required in connection with a customer's service difficulty or trouble report when it is determined that the source of the difficulty or trouble is on the customer's side of the demarcation point. This charge does not include any further isolation work beyond the demarcation point.

J. Channelization at customers' premises

Channelization at the customer's premises is provided by the customer. Customer premises channelization equipment and any other associated network termination equipment is available through various vendors, including the Company. Joint provisioning of channelized services introduces joint responsibilities between the customer and the Company. (T)

1. Responsibilities of the Company
   a. The Company will endeavor to activate its portion of joint service in a timely manner on the negotiated date to support installation requirements.
   b. The Company will provide the customer with information regarding the type and the manufacturer of Central Office (C.O.) channelization equipment to be used in each application.
   c. The Company will limit its selection of central office equipment to avoid operational and administrative difficulties associated with a multi-vendor central office environment.
   d. The Company reserves the right to change its equipment vendors should equipment availability, price or technological advantages make such a change attractive or necessary.
   e. The Company will notify the customer, generally a minimum of six months in advance, of any need to change its central office equipment to allow the customer sufficient time to respond, make any necessary changes, and schedule cooperative testing for cutover if required.

A43. CHANNELIZED VOICE TRANSPORT SERVICES

A43.1 BellSouth Channelized Trunks (Cont'd)

A43.1.2 *Terms and Conditions* (Cont'd) (T)

J. Channelization at customers' premises (Cont'd)

1. Responsibilities of the Company (Cont'd)
   f. Digital synchronization timing for BellSouth Channelized Trunks 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 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 a Premise Visit Charge to the customer, as provided in paragraph A43.1.4.

A43.1.3 Application of Rates

A. 1.544 Mbps Access Line
BellSouth Channelized Trunks 1.544 Mbps Access Lines are furnished between customers' premises and the normal Serving Wire center (SWC). Charges are assessed on a flat rate basis. Customers who wish to utilize other Company-provided transport facilities that meet or exceed the required standards to transport BellSouth Channelized Trunks 1.544 Mbps Access Lines, e.g. LightGate Service, will not incur charges for substitute BellSouth Channelized Trunks elements.

B. 1.544 Mbps Interoffice Facility
BellSouth Channelized Trunks 1.544 Mbps Interoffice Facilities are furnished between Company central offices. Charges are assessed in mileage bands based on the airline distance between central offices.

1. Airline distance between Company central offices shall be developed using the methodology in the National Exchange Carrier Association (NECA) Tariff No. 4. Fractional mileage shall be rounded up to the next whole mile.
2. Foreign Exchange Service is not allowed for use with BellSouth Channelized Trunks 1.544 Interoffice Facilities.
3. Customers who wish to utilize other Company-provided interoffice transport facilities that meet or exceed the required standards to transport BellSouth Channelized Trunks, e.g. LightGate Service, will not incur charges for substitute BellSouth Channelized Trunks elements.

C. Service Interface
Service Interfaces are furnished in the Company's central offices and are charged as a single element of service.

D. Channels
Channels are furnished in the Company's central offices for activation of trunks to be transported via the other required elements of BellSouth Channelized Trunks. Direct Inward Dial (DID), Outward Only and Combination Channel Types are available. For MegaLink Channel Service customers who wish to convert to BellSouth Channelized Trunks, existing Inward only Network Access Service provisioned as line-side terminations will be converted to DID trunk-side terminations and charges will apply as appropriate.

E. Number
One Number is required for each channel activated. There is no charge for Numbers on Outward Only Channels.

F. Optional Payment Plans
BellSouth Channelized Trunks monthly rates are available on a month-to-month basis or under variable payment periods[1]. Payment periods are based on lengths of twenty four to forty eight months, forty nine to seventy two months, or seventy three to ninety six months. The minimum payment period for BellSouth Channelized Trunks is one month.

Note 1: Effective July 1, 2014, customers may not establish new variable payment period plans of any length for BellSouth Channelized Trunks, and existing variable payment period plans may not be renewed. For new service, or for existing service after any variable payment period plan expires, service will be provided only on a month-to-month basis.

A43. CHANNELIZED VOICE TRANSPORT SERVICES

A43.1 BellSouth Channelized Trunks (Cont'd)

A43.1.4 Rates and Charges (Cont'd)

F. Number

1. Each Number Activated

		Monthly Rate	USOC
(a)	DID Number	**$1.00**	**BCT1T**
(b)	Combination Number	**1.00**	**BCT2T**
(c)	Outward Only Number (Provisional USOC)	**-**	**BCTOT**

G. Superframe Format / Extended Superframe Format

1. Per BellSouth Channelized Trunks 1.544 Mbps Access Line formatted or per 1.544 Mbps Interoffice Facility formatted.

		Subsequent Nonrecurring Charge	USOC
(a)	Superframe Format	**$250.00**	**CCOSF**
(b)	Superframe Format (Provisional USOC)	**-**	**MCOSF**
(c)	Extended Superframe Format	**250.00**	**CCOEF**
(d)	Extended Superframe Format (Provisional USOC)	**-**	**MCOPO**

H. Service Establishment

A Service Establishment Charge is applicable for each BellSouth Channelized Trunks 1.544 Mbps Access Line ordered, except as specified in paragraph A43.1.3.G. This charge is for receiving and recording information and/or taking action in connection with a customer's request for service. This charge includes engineering design, common centralized testing and coordination. A Premises Visit Charge as defined in paragraph J is also applicable to initial service establishment.

1. Service Establishment Charge, Each BellSouth Channelized Trunks 1.544 Mbps Access Line Provisioned

		Nonrecurring Charge	USOC
(a)	MegaLink Channel Service customer converting to BellSouth Channelized Trunks (Provisional USOC)	**-**	**BCTCV**
(b)	New BellSouth Channelized Trunks customer	**$575.00**	**BCTSE**

I. Move of Service

A Move of Service charge applies for each BellSouth Channelized Trunks 1.544 Mbps Access Line moved to a new location in the same building. This move charge is equal to the sum of the Service Change and/or Inside Move Charge and the Premises Visit Charge as provided in paragraph J. A Move of Service charge also applies for each BellSouth Channelized Trunks 1.544 Mbps Access Line moved to a new location in ***Company*** territory within the same state. In this case the move charge is equal to the sum of all nonrecurring charges applicable to a new BellSouth Channelized Trunks 1.544 Mbps Access Line installation at the new location including a Premise Visit Charge. (T)

J. Service Installation and Rearrangement

Service Installation and Rearrangement charges are applicable for receiving and recording information and/or taking action in connection with a customer's inside move, transfer of service responsibility request, or for processing the necessary data for a change to an existing BellSouth Channelized Trunks 1.544 Mbps Access Line. Premises Visit Charges are applicable for Service Establishment and Moves of Service. Only one Premises Visit Charge applies when more than one BellSouth Channelized Trunks 1.544 Mbps Access Line is moved or installed at the same premises at the same time.

		Nonrecurring Charge	USOC
1.	Service Change and/or Inside Move		
(a)	Each BellSouth Channelized Trunks 1.544 Mbps Access Line Provisioned	**$325.00**	**BCTMV**
2.	Transfer of Responsibility		
(a)	Each Transfer	**25.00**	**BCTTR**
3.	Premises Visit Charge		
(a)	Each Visit	**40.00**	**BCTPV**

A47. BELLSOUTH REMOTE ACCESS SERVICE (T)

CONTENTS

A47. BELLSOUTH REMOTE ACCESS SERVICE (T)

A47.1 BellSouth Remote Access Service (T)

A47.1.1 General

A. BellSouth Remote Access Service (RAS) is an intraLATA, extended reach, packet-switched data service that provides for the collection, concentration, signaling and aggregation of a customer's dial-up data traffic into a customer's designated hub site. BellSouth RAS is available as a customer controlled offering. It provides one way ports that allow the customer's users, who are located within the BellSouth serving area, to call into a remote access server. (T)

B. Remote access server equipment will be installed in a ***Company*** central office. (T)

C. BellSouth RAS supports a dedicated, customer selected remote access server with backup dial-in capability or out-of-band frame relay for network management. The customer may select their remote access server based on the Company's approved equipment list for this service. (T)

D. CPE must support Layer 2 Tunneling Protocol (L2TP) for the customer selected remote access server.

E. The customer will also be responsible for providing the egress circuit(s) connecting BellSouth RAS to their hub location. Egress circuit(s) are required to deliver the BellSouth RAS traffic to the customer's designated location. These circuits can be ordered from the Company or other telecommunications providers with the execution of appropriate collocation agreements. (T)

F. BellSouth RAS is furnished in central offices equipped with remote access servers. Service intervals will be negotiated in cities where service is not deployed. (T)

G. The technical specifications and standard network interfaces for BellSouth RAS are in conformance with the Internet Architecture Board as stated in: (T)

- STD001, Internet Official Protocol Standards; J. Reynolds, R. Braden, issued June, 1999.
- RFC 2138, Remote Authentication Dial-In User Service (RADIUS); C. Rigney, A. Rubens, W. Simpson, S. Willens, issued April, 1997.

These documents may be obtained from the Internet Engineering Task Force (IETF) at Corporation for National Research Initiatives, Attention: Accounting Department - IETF Proceedings, 1895 Preston White Drive, Suite 100, Reston, VA 20191-5434 or via Internet at www.ietf.org.

H. The ***terms, conditions*** and rates specified herein are applicable to BellSouth RAS. ***Terms, conditions*** and rates specified in other sections of this and other ***Guidebooks*** of the Company may also apply. (T)

A47.1.2 *Terms and Conditions* (T)

A. Explanation of Terms

1. Remote Access Server - The remote access server is a type of equipment that will be used to aggregate the customer's dial traffic and send it to the customer location over their egress circuit. The remote access server will be connected to the Public Switched Network using Primary Rate ISDN or SS7 circuit facilities. (T)
2. Ingress Circuits - This term denotes the facility used to transport the customer's incoming dialed BellSouth RAS traffic, e.g. Primary Rate ISDN. (T)
3. Egress Circuits - This term denotes the facility used to transport the customer's dialed BellSouth RAS traffic to the customer's designated hub location once it has been collected and aggregated by the remote access server (e.g. Broadband Exchange Line). (T)
4. Extended Reach Area - An area where BellSouth RAS extends the reach from a remote access server to allow users the ability to make "non-local" calls without incurring intraLATA Long Distance Message Telecommunications Service charges. (T)

B. Basis of Offering

1. Rates and charges specified in A47.1.3 are based on regional volume and term commitments. Customers must specify a regional commitment level and will be rated based on total regional in service volumes. Rating will be as set forth in ***paragraph*** 8. (T)
2. The minimum regional commitment level for BellSouth RAS is 10,000 ports. (T)
3. Initial orders for BellSouth RAS, per remote access server central office location, must be equal to or greater than 644 ports. All orders greater than 644 ports must be in increments of 23 ports where capacity allows. (T)

A47. BELLSOUTH REMOTE ACCESS SERVICE (T)

A47.1 BellSouth Remote Access Service(Cont'd) (T)

A47.1.2 *Terms and Conditions* (Cont'd) (T)

B. Basis of Offering (Cont'd)

4. Subsequent orders for BellSouth RAS, per remote access server location, must be in increments of 23 ports or 24 ports depending on technology utilized where capacity allows. (T)
5. The minimum service period for BellSouth RAS is twelve months. (T)
6. Month to month rates are not available as an initial service offering.
7. On or after November 7, 2002 BellSouth Remote Access Service initial requests to establish service provides a minimum capacity of 644 one-way ports per dial tone office. Customers in service prior to November 7, 2002 may continue their service with a minimum capacity of 276 one-way ports. (T)
8. In order to benefit from rates appropriate for a higher volume of ports, the customer must notify the Company of that accomplishment. Upon notification, and on a going forward basis to the end of the BellSouth RAS contract period, all ports will be rated to the appropriate volume tier. (T)
9. All ports are billed monthly and are subject to a full service term, i.e. they are not coterminous. For example, under a 24 month service period, each port must be billed for 24 months from the date of installation.
10. Nonrecurring charges apply for the installation of each port.
11. Moves of service are considered disconnects and starts.
12. When a change in billing data (e.g. name, address, contact name, or number) is requested in association with a change in the customer's record, Transfer of Service Charges, as set forth in A47.1.3 will apply. Transfer of Service Charges are applied on a per Billing Account Number (BAN). (T)
13. Administrative changes, as identified following, will be made without charge(s) to the customer.
    a. Change of customer name (i.e. the customer of record does not change but rather the customer of record changes its name - e.g. BellSouth Telecommunications, Inc. to BellSouth Corporation). (T)
    b. Change of customer or customer's end user premises address when the change of address is not a result of physical relocation of equipment.
    c. Change in billing data (name, address, or contact name or number). The customer of record does not change. (T)
    d. Change of customer circuit identification.
    e. Change of billing account number.
    f. Change of customer or customer's end user contact name or number. (T)
14. In order to maintain the quality of BellSouth RAS, the Company reserves the right to perform preventive maintenance and software updates to the network. This could result in BellSouth RAS being unavailable during the time period between 2:00 A.M. and 4:00 A.M. Eastern Time on any given Wednesday or Sunday. The Company only expects to utilize this maintenance window for any given remote access server on the average of once a quarter. However, the Company reserves the right to perform maintenance at any time, at its discretion, that it believes such maintenance is necessary. The Company will make every reasonable effort to provide notice to those customers likely to be affected by such maintenance work. (T)
15. Obligations of Customer and Company
    a. The Company will provide remote hands operations support. Remote hands means that the customer identifies the problem and reports the trouble to the Company. The Company will then resolve the problem as directed by the customer. Resolution of the problem may include providing hardware, central office switching maintenance, and deployment of human resources necessary to repair hardware failures and restore network service outages.
    b. The customer will be responsible for the management of the remote access server for this service and will have full responsibility for initial and ongoing configuration, software release levels and updates, and general code control. All software updates must be compatible with associated Company network elements and systems. It is assumed that the monitoring, management, and reporting activities performed by the customer will occur over the egress port link(s) into the remote access server or through a backup dial-in channel that the Company will provide for each site. The customer is also responsible for all interface support for his clients (end user) and/or employees.

A47. BELLSOUTH REMOTE ACCESS SERVICE

A47.1 BellSouth Remote Access Service (Cont'd)

A47.1.2 ***Terms and Conditions*** **(Cont'd)** (T)

C. Provisions of Service

Rates and charges contained in this section of the ***Guidebook*** consist of the following elements: (T)

1. BellSouth RAS one-way ports
   - 10,000 – 29,999 Ports, each
   - 30,000 – 59,999 Ports, each
   - 60,000 – 89,999 Ports, each
   - 90,000 – 149,999 Ports, each
   - 150,000 – 199,999 Ports, each
   - 200,000 – 299,999 Ports, each
   - 300,000 or greater Ports, each
2. Transfer of Service Charge

D. Contract Plans

1. BellSouth RAS is provided under conditions specified in Payment Plans for Contract Services, ***paragraph*** A2.4.10. (T)
2. BellSouth RAS is available under volume and term payment periods for 12 Months, 24 Months, 36 Months, or 48 or Greater Months. For contracts greater than a 48 month service period, the 48 month rate applies.
3. (DELETED)
4. When a BellSouth RAS is disconnected prior to the expiration of a selected service period as a result of a change of jurisdiction, Termination Liability Charges will apply. (T)
5. If a customer terminates service prior to the end of the optional payment period the customer has selected, the customer will pay a Termination Liability Charge as stated in ***paragraph*** A2.4.10.E. (T)
6. Additions of ports are allowed as specified in B.4. (T)
7. Subsequent to the establishment of a BellSouth RAS contract, and prior to the completion of that period, the existing payment period may be extended to a longer service period. Nonrecurring charges will not be reapplied.

A47. BELLSOUTH REMOTE ACCESS SERVICE (T)

A47.1 BellSouth Remote Access Service (Cont'd) (T)

A47.1.3 Rates and Charges

A. BellSouth RAS is offered on a per port basis as follows: (T)

1. One Way, per port

		Non-Recurring Charge	Month To Month[1]	12 Mos.	24 Mos.	36 Mos.	48 or Greater Mos.	USOC
(a)	10,000-29,999 Ports, each	**$45.00**	**$48.00**	**$47.00**	**$45.00**	**$43.00**	**$41.00**	**NA**
(b)	30,000-59,999 Ports, each	**45.00**	**47.00**	**46.00**	**44.00**	**42.00**	**40.00**	**NA**
(c)	60,000-89,999 Ports, each	**45.00**	**46.00**	**45.00**	**43.00**	**41.00**	**39.00**	**NA**
(d)	90,000-149,999 Ports, each	**45.00**	**45.00**	**44.00**	**42.00**	**40.00**	**38.00**	**NA**
(e)	150,000-199,999 Ports, each	**45.00**	**44.00**	**43.00**	**41.00**	**39.00**	**37.00**	**NA**
(f)	200,000-299,999 Ports, each	**45.00**	**43.00**	**42.00**	**40.00**	**38.00**	**36.00**	**NA**
(g)	300,000 or greater, Ports, each	**45.00**	**42.00**	**41.00**	**39.00**	**37.00**	**35.00**	**NA**

2. Transfer of Service Charge

(a)	Per Billing Account Number	**45.00**	-	-	-	-	-	**NA**

Note 1: Month to Month rates are only available at the end of a BellSouth RAS contract plan. (T)

N8. LISTING SERVICES (M)

CONTENTS (M)

Material appearing on this page previously appeared on Contents page(s) 1 of Section A38 of the General Exchange Guidebook.

Directory Assistance Database Service (DADS) and Emergency Service Provider Data Service (ESPDS) previously appeared in Section A38.1 and A38.4, respectively, of the General Exchange Guidebook.

N38. LISTING SERVICES (M)

N8.1 Directory Assistance Database Service (DADS) (M)

N8.1.1 Description of Service (M)

A. Upon request, the Company will provide local exchange subscriber name, address and number listings (except as limited by ***paragraph*** D), for the purpose of providing Directory Assistance type services to customer's end users and as otherwise permitted by applicable law. The term "end user" denotes any entity who obtains Directory Assistance type services for its own use from a DADS customer. Directory Assistance type services are defined as: (T)(M)

1. Voice Directory Assistance (DA Operator or DA Operator System assisted), and (M)
2. Electronic Directory Assistance (Data Systems assisted). (M)

B. DADS is available and may be ordered on a Business, Residence or combined Business and Residence listings basis for each Central Office requested. The data provided will include all eligible listings as outlined in ***paragraphs*** C and D. (T)(M)

C. DADS will include the following: (M)

1. Base File (M)

   An extract containing all qualified listed names, addresses and numbers of Company subscribers and any Independent Telephone Company (ICO) and Competitive Local Exchange Carrier (CLEC) subscriber listing information associated with lines located in a requested NPA that such companies have chosen to provide to ***the Company*** as follows: (T)(M)

   a. Listed Name - As input on the Company service order. (M)
   b. Listed Address - House Number Prefix or Suffix, Street Name Prefix or Suffix, Address Prefix or Suffix, Community Name, State Name, Zip Code if available. (M)
   c. Number (T)(M)
   d. Account NPA - Originating NPA (M)
   e. Account NXX - Originating NXX (M)
   f. Exchange Code - Originating Community Code (M)
   g. Date - Current date of Extract/Update (M)
   h. Directory Indicator - Alternate Community Name Indicator, if applicable indicator will be set for foreign directory name. (M)
   i. Directory Name - Alternate Community Name, if applicable for foreign directory name listing. (M)
   j. Unique Business/Residence/Government Indicator (M)
   k. Phrase Codes - Special information regarding listing's service (e.g., observing equipment, teletype service for the deaf). (T)(M)

   The Company will require sufficient time (approximately one month) after receiving an order to prepare the Base File. (T)(M)

   In addition to the above listed information, the customer may optionally request Non-Listed listings which will include the information defined in ***paragraphs*** a, b and c, and/or Non-Published listings which will include information defined in ***paragraphs*** a and b.

2. Daily Updates (M)

   Daily updates will reflect all listing change activity occurring since the customer's most recent update. The updates are provided on a Business, Residence, or combined Business and Residence basis. The updates shall be used solely by the customer to keep his information current. Delivery of Daily Updates will commence the day after the customer receives his Base File. (M)

D. DADS is not a verbatim copy of the Company's Directory Assistance (DA) Database or of the Company's Directory. The following listings will not be provided with DADS: (M)

1. Secondary Listings (M)
2. Listings that are deemed by the Company as inappropriate to provide (M)

E. DADS will provide the available subscriber listing information of ICOs or CLECs who have chosen to provide their subscribers' listings to the Company, per terms and conditions agreed to by the Company and the ICO or CLEC. (M)

N8. LISTING SERVICES (M)

N8.1 Directory Assistance Database Service (DADS) (Cont'd) (M)

N8.1.1 Description of Service (Cont'd) (M)

F. The Company reserves the right to exclude any name at the request of the Company's subscribers. (M)

G. Rates and Cancellation fees for DADS are as set forth in ***N8***.1.3. (T)(M)

N8.1.2 *Terms and Conditions* (T)(M)

A. All right, title and interest in and to DADS, including all intellectual property rights pertaining thereto, will remain with the Company. The Company licenses the use of DADS to the customer. The title to DADS shall remain solely with the Company whether or not it is in the possession of a customer. (M)

B. Use of DADS shall be limited solely to the customer's provisioning of Directory Assistance type services as defined in ***N8***.1.1, and as otherwise permitted by applicable law. (T)(M)

C. DADS may not be used for any purpose which violates federal or state laws, statutes, regulatory orders or tariffs. (M)

D. Except for the permitted uses, the customer shall not (i) disclose DADS to others and shall use due care in providing for the security and confidentiality of DADS, (ii) rent or license DADS for any purpose, or (iii) permit its end users to do either of the same. The customers shall not reproduce DADS except for the preparation of archival or backup copies or as otherwise permitted by applicable law. Failure to comply with the provisions of this ***service publication*** shall result in termination of the service and customer shall immediately return to the Company all copies of DADS in its possession and shall make no further use of DADS data. The Company may refuse to furnish the service when it has reasonable grounds to believe that such service shall be used in violation of this ***service publication***. (T)

E. The ***terms and conditions*** as set forth for deposits and payment of service in A2.4 ***of the General Exchange Guidebook*** shall apply. If a customer cancels an order for the Base File prior to the scheduled delivery date, the customer shall pay the Company a cancellation fee as specified in ***paragraph N8***.1.3.B. (T)(M)

F. The customer shall provide written specifications, signed by a duly authorized representative of the customer, for each DADS order. All orders must be confirmed in writing by the customer. The Company shall not be liable for any errors or deficiencies in the data provided. The customer agrees to release the Company from any and all liability which may arise due to any errors and omissions in the Company's listings. (M)

G. The customer shall protect, indemnify, save harmless and defend the Company from and against any and all loss, liability, damages and expense arising out of any demand, claim, suit or judgment for damages that may arise out of the Company's supplying of DADS or use of data contained therein irrespective of any fault, failure, or negligence on the part of the Company. (M)

H. Neither the customer nor its employees, agents or representatives shall represent in any way to any person or make any untrue or misleading advertising claim that its directory assistance type service is sponsored or approved by the Company or that the Company or any of its affiliates are in any way connected with the customer or that the Company or any of its affiliates have any responsibility for the customers service. (M)

I. The customer, its employees, representatives or agents shall not use any methods of advertisement, solicitation, order form, billing invoice, stationary, promotional material or any artifice or device which would tend to create the impression or imply that the customer was or is associated with or sponsored by the Company or any of its affiliates. In addition, the customer shall prominently display its name on each of the above and identify itself by name when providing directory assistance type services to its end users. (M)

J. The Company may terminate the service when it has reasonable grounds to believe that full payment is not being made. (M)

K. Addresses associated with Non-Published subscriber listings are provided for the sole purpose of differentiating an end user listing request. The customer may not provide a Non-Published subscriber address to their end user. (M)

N8. LISTING SERVICES (N)

N8.1 Directory Assistance Database Service (DADS) (Cont'd) (M)

N8.1.3 Rates and Charges (M)

A. The following rates apply for Directory Assistance Database Service.[1] (M)

1. Subscriber Listings (M)

	Rate	USOC	
(a) Per Listing	**$ .06**	**NA**	(M)

2. Monthly Recurring Rate (M)

	Monthly Rate	USOC	
(a) Per Month	-	**DBSAF**	(M)

B. Cancellation Fees [1] (M)

1. Prior to scheduled delivery of initial base file (M)

	Nonrecurring Charge	USOC	
(a) Per Cancellation	-	**NA**	(M)

Note 1: The nonrecurring cancellation fee will be computed to allow the Company to recover all cost incurred by the Company for work performed prior to cancellation. (M)

N8. LISTING SERVICES (M)

N8.2 Reserved For Future Use (N)

N8.3 Reserved For Future Use (N)

N8.4 Emergency Service Provider Data Service (ESPDS) (M)

N8.4.1 Description of Service (M)

A. ESPDS service is only available to public safety agencies responsible for coordinating emergency services at the local level (city, county, or municipality) solely for the purposes of delivering or assisting in the delivery of emergency notification services to their jurisdictional area. Customers ordering this service are required to provide written certification to ***the Company*** showing that they have the capability and authority to provide the service for which this data is intended. (T)(M)

B. The extract will include published, listed and non-published information, including listed information of Independent Telephone Companies (ICOs) and Competitive Local Exchange Carriers (CLECs), if present. The extract will consist of listed address (if present) and ten-digit number. Listed name is optional. (T)(M)

C. ESPDS is available by, and must be ordered by, one of the following primary criteria: (M)

1. City/Municipality Name and State (M)
2. County/Parish Name and State (M)

Customers may specify incorporated municipalities, unincorporated municipalities, or both. The information contained in all extract files will be sorted by number in ascending sequence. Extracts will only be provided for the customer's jurisdictional area for which emergency services are authorized. Foreign Listings, Foreign Exchange, Foreign Central Office, and Multiple Listings will be excluded from the extract. (T)(M)

D. The information provided by ESPDS may not be used, in whole or in part, to provide Basic 911 or E911 Service. Misuse of the data provided pursuant to this ***service publication*** or failure to comply with any other provisions of this ***service publication*** will be cause for immediate suspension of the service provided hereunder. (T)(M)

E. Any information shared between the Company and the ESPDS customer is considered confidential and proprietary. (M)

F. The information provided by ESPDS is available to customers utilizing one of the following data storage methods 1) CD-ROM, 2) tape cartridge, or 3) paper copy. Customers must specify the storage method when ESPDS is ordered. (M) (M)

N8.4.2 Definitions

EMERGENCY (M)

Circumstances, either natural or manmade, declared by a governmental entity or a local emergency planning committee duly authorized by a governmental entity, which cause or potentially may cause substantial harm or damage to persons or property. (M)

EMERGENCY NOTIFICATION SERVICES (M)

Emergency Notification Services are services that notify the public of an emergency. (M)

N8.4.3 *Terms and Conditions* (T)(M)

A. Public safety agency customers requesting this service must meet the current network standards and must cooperate with the ***Company's*** Network Organization to avoid network problems associated with the use of data obtained through this service. (T)(M)

1. Geographically focused calling patterns that result from the use of the data provided hereunder may cause problems, including congestion, in ***the Company's*** network. One or more of the following must be used by the ESPDS customer to prevent network congestion problems: (T)(M)

N8. LISTING SERVICES (N)

N8.4 Emergency Service Provider Data Service (ESPDS) (Cont'd) (M)

N8.4.3 *Terms and Conditions* (Cont'd) (T)(M)

A. (Cont'd) (M)

a. The ESPDS customer's calling platforms must be equipped with reorder tone (RO) and "No Circuit Available" (NCA) announcement detection capability. Each platform should provide the capability to automatically throttle back call origination when a threshold of RO and NCA is reached. The throttling algorithm should allow for reduction of call origination to the point where 99 percent of call origination reaches neither NCA nor RO. (M)

b. The ESPDS customer's calling platforms must be designed with a call gapping mechanism to allow specification of, at most, one originating call per a specified time interval to any specific NPA-NXX code. The gap should be capable of any time interval between 0 and 10 seconds. This is intended to give the ESPDS subscriber the capability of preventing excessive simultaneous call origination. (M)

c. If the ***Company's*** Network Management Center (NMC) determines that the call volume is having a negative impact on the ***Company's*** network, the NMC will request the ESPDS customer to throttle the outgoing calls generated by the event to a specified number of simultaneous calls. The ESPDS customer must implement each request within ten minutes of receipt from the NMC. (T)(M)

B. The Network Management Center must be notified of the target location and the size of the event at the launch of an emergency call origination exceeding 1000 calls. ***The Company*** will provide a contact number to the ESPDS customer for this purpose. The subscriber will also provide the name(s) of the carrier(s) which will be utilized by the customer for the emergency call origination and the number of simultaneous calls. (T)(M)

C. Each ESPDS customer must provide the Network Management Center up-to-date contact information for 7 days per week, 24 hours per day, and contact information for 3 levels of management escalation. (T)(M)

D. The ESPDS customer agrees to work cooperatively with the ***Company's*** Network Management Center in order to avoid network congestion that may affect the ability of customers to call out of an affected area. This includes implementation of call gaps on the calling platform at intervals recommended by the ***Company's*** Network Management Center. (T)(M)

E. The Network Management Center will utilize protective controls including those outlined in E2.1.12 of ***the AT&T Tennessee*** Intrastate Access Service Tariff, in order to minimize congestion and to allow customers the ability to call out of an affected area. The traffic originated based upon the ESPDS customer's use of the data provided hereunder may be affected by these controls. ***The Company*** will not be liable for the intentional or unintentional blockage of any traffic in any way related to the ESPDS customer's use, or the use by its agents or contractors, of the data provided hereunder. (T)(M)

F. ***The Company*** does not guarantee the completion of mass calling traffic on its network. (T)(M)

G. With respect to the database extract file provided by this service, the public safety agency ESPDS customer, their agent, and their employees shall: (M)

1. Hold the information in confidence and protect it in accordance with the security ***standards*** by which it protects its own proprietary or confidential information (T)(M)
2. Restrict disclosure of the information solely to those employees with a need to know and not disclose it to any other parties (M)
3. Be responsible for determining the information it will use from the data provided by this service (M)
4. Use the information only in connection with delivering or assisting in the delivery of emergency services and (M)
5. Notify ***the Company*** immediately if there is confirmed or suspected misuse of the data by any party or parties. (T)(M)

N8. LISTING SERVICES (N)

N8.4 Emergency Service Provider Data Service (ESPDS) (Cont'd) (M)

N8.4.3 *Terms and Conditions* (Cont'd) (T)(M)

H. Any published, listed, non-published number, or any other information provided by the Company shall be used only by an ESPDS customer for the sole purpose of delivering or assisting in the delivery of emergency notification services within the ESPDS customer's jurisdictional area for which emergency services are authorized. Any use involving the reproduction, publishing, reselling, disclosing, tampering with, or providing access to information in the database for any purpose other than the provision of emergency notification services is strictly prohibited and any known violations must be reported to ***the Company*** immediately. Information obtained by the ESPDS customer pursuant to this ***service publication*** may be provided to the ESPDS customer's assigned agent for the purpose of delivering or assisting the public safety agency ESPDS customer with the notification services only upon execution of an agency written agreement, between the public safety agency and its agent, limiting use of the information and providing for its protection in the same manner as is set forth in this ***service publication*** regarding use and protection of the information by the ESPDS customer. The Company does not transfer right, title or interest (including intellectual property rights), if any, which it may have in and to ESPDS. (T)(M)

I. The data must be secured by the ESPDS customer from unauthorized usage. (M)

J. The Company shall not be required to modify its network operations or protocols to accommodate any public safety agency ESPDS customer's or its agent's equipment, systems, or data processors. (M)

K. Emergency Service Provider Data Service may not be used for any purpose which violates federal or state laws, statutes, regulatory orders, tariffs, ***guidebooks or this service publication***. (T)(M)

L. The public safety agency ESPDS customer and its agent agree to hold harmless and indemnify the Company, its employees, directors, officers, agents, and subcontractors from and against any and all claims or suits which arise out of or result from the provision of the database extract file, specifically including, but not limited to, all claims or suits resulting from or allegedly resulting from errors or omissions in the file or the use of such information by the ESPDS customer or its agents. (M)

M. Each public safety agency ESPDS customer and its agent agree to release, defend, indemnify and hold harmless the Company, its agents, and subcontractors from any and all losses, claims, demands, suits, and other actions, or any liability whatsoever, whether suffered, made, instituted or asserted by the customer or by any other party or person: 1) for any personal injury to or death of any person or persons, or for any loss, damage or destruction of any property, whether owned by the customer or others, and which arises out of the negligence or other wrongful act of the Company, the customer, its user agencies or municipalities or employees or agents of any one of them, or 2) for any infringement or invasion of the right of privacy of any person or persons, 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 the service and the equipment associated therewith, including, but not limited to, the identification of the number, listed or service address, or name associated with the number used by the party or parties utilizing the service hereunder, or 3) arising out of any act or omission of the customer, in the course of using services provided pursuant to this ***service publication***. (T)(M)

N. In the event the data is enhanced, modified, and/or merged with data obtained from other sources by the ESPDS customer all restrictions, ***terms, conditions*** and limitations contained in this ***service publication*** remain applicable to the ESPDS customer. (T)(M)

N8.4.4 Rates and Charges (M)

A. ESPDS customers may request a maximum of four extracts per 12 month period. If a re-transmittal of the extract is requested by the customer within 30 days of the extract provision date no charges will apply. (M)

1. Rates (M)

		Nonrecurring Charge	Monthly Rate	USOC	
(a)	First extract in each 12 month period	**$2,000.00**	-	**NA**	(M)
(b)	Subsequent extracts in 12 month period, maximum 3	-	-	**NA**	(M)
(c)	Per record included in each extract	**.04**	-	**NA**	(M)