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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 gives 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 Month Term Payment Plan
- 73 to 96 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*, or¹

(T)

Note 1: A Service Ordering charge as specified in Section A4. will apply.

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A32. INTEGRATION PLUS MANAGEMENT SERVICES (IPMS)

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

A32.1.1 General (Cont'd)

D. Payment Schedules (Cont'd)

2. Expiration of Payment Period (Cont'd)

a. IPMS customers must upon the expiration of their payment period: (Cont'd)

(2) (DELETED)

(3) 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)

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.

A32. INTEGRATION PLUS MANAGEMENT SERVICES (IPMS)

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

A32.1.1 General (Cont'd)

D. Payment Schedules (Cont'd)

2. Expiration of Payment Period (Cont'd)
 - b. (Cont'd)
 - (3) No termination charge applies for the former payment period.
 - (4) A Service Ordering charge as specified in Section A4. will apply. (T)
 - c. An IPMS customer may at any time during his selected payment period resubscribe 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 fifty percent (50%) of the following: 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 Service Ordering charge as specified in Section A4. will apply. (T)
3. Termination Liability
 - a. The Termination Liability for IPMS is dependent upon the payment period selected by the customer.
 - (1) One Month Payment Plan - There is no termination liability for this option other than the initial service period as specified in 1. preceding.
 - (2) Term Payment Plan Option – fifty percent (50%) of the remaining amount due.
 - b. 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.

A32.1.2 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 A32.1.2A.3. following). (T)

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)

2. Availability of Access

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

3. Requirements For Access

a. Dial Access¹ (T)

The customer must provide a switched (dial) access capability with asynchronous protocol from the customer's terminal location to the designated Company location. Customers, who subscribe to a dial method of access, will be given a telephone number to dial, which will establish a port connection.

b. Security Card¹ (T)

Dial and web access customers must also order a Security Card. This card provides the customer a unique password identification code, which will electronically change periodically. The Security Card charge specified in 4. following will apply for the initial card or for the issuance of additional cards for additional users or to replace a lost, damaged or expired card.

If the customer has purchased a Security Card in conjunction with another feature or service offered by the Company, that Security Card may also be used in conjunction with FlexServ service. It is the customer's responsibility to notify the Company of an existing Security Card so the Company can ensure that the card is validated for multiple features and/or services.

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. Dedicated Access¹ (T)

The customer must purchase a private line from the appropriate *guidebook* for access to FlexServ service from the customer's terminal location to the designated Company location. The type of dedicated access required will depend on the type of access desired. (T)

e. Other Requirements¹ (T)

In addition to either purchasing a dial access or a private line, the customer will be required to furnish a VT100 type terminal and a compatible data set. The data set required will depend on the type of access chosen by the customer and the capability for connection with the Company. CPE must comply with specifications found in BellSouth Technical Reference Publication 73535 for Corporate Packet Network Asynchronous Terminal Access (8/89) and BellSouth Technical Reference Publication 73516 Issue C, Corporate Packet Network Physical Interface Specifications (9/91). These publications are available from the Information Exchange Manager, BellSouth Telecommunications, Inc., SUP40 Southern Bell Center, 675 W. Peachtree St., N.E., Atlanta, Georgia 30375.

Note 1: (Obsoleted 6-23-08, Type D; not available for new installations, moves or transfers. Existing customers may continue to utilize existing Dial or Dedicated Access arrangements.)

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)

4. Rates and Charges

a. Dial Interface for FlexServ Service¹

(1) For Dial Access¹

	Installation Charge	Month to Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC
(a) 1.2 Kbps thru 19.2 Kbps Access Port	\$75.00	\$60.00	\$57.00	\$54.00	\$51.00	APF19

(2) Security Card^{1,2}

					Nonrecurring Charge	USOC
(a) each					\$100.00	SECFS

b. Dedicated Interface for FlexServ Service¹

(1) Analog 4 wire¹

	Installation Charge	Month to Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC
(a) 1.2 Kbps Access Port	\$175.00	\$39.00	\$37.00	\$35.00	\$33.00	APF1A
(b) 9.6 Kbps Access Port	175.00	72.50	68.75	65.00	61.50	APF9A
(2) Digital 4 wire ¹						
(a) 2.4 Kbps Access Port	175.00	56.00	53.00	50.00	47.00	APF2D
(b) 4.8 Kbps Access Port	175.00	61.00	58.00	55.00	52.00	APF4D
(c) 9.6 Kbps Access Port	175.00	66.00	63.00	60.00	57.00	APF9D

c. Web Interface for FlexServ Service

(1) Web Access

(a) Per Arrangement	125.00	25.00	18.75	15.00	12.50	DSLWE
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Note 1: (Obsoleted 6-23-08, Type D; not available for new installations, moves or transfers. Existing customers may continue to utilize existing Dial or Dedicated Access arrangements.)

Note 2: The Security Card nonrecurring is also applicable for Web Access.

A32. INTEGRATION PLUS MANAGEMENT SERVICES (IPMS)

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

A32.1.3 FlexServ Service

A. *Terms and Conditions*

1. Basic FlexServ Service

The basic service includes monitoring and reconfiguration 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 with incompatible signals or between 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.

Reconfiguration 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 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 a web access service. 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.

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.

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 his 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**.

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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 - DSO (Single channel), DS1 (1.544 Mbps) digital circuits, DS3 (44.736 Mbps) digital circuits, SMARTRing service and STS-1 (51.84Mbps) digital circuits.

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

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

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

SMARTRing service Channel Connections - FlexServ service is available only with OC-3 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	S	R
OC-3	X	X	X	X	X	X	X	X	X	X	X	X
OC-3+			X	X	X	X	X	X	X	X	X	X
OC-12			X	X	X	X	X	X	X	X	X	X
OC-48							X	X	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.

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)

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.

4. Service Availability

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

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*, Sections B3. and B7., and are subject to all *terms, conditions* and charges contained in their respective *guidebooks* in addition to those contained herein.

6. Local Exchange Services

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

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 dialtone 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.

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 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 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.

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.

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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)

8. Shared FlexServ Service Arrangement

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.)

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.

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.

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.

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A32. INTEGRATION PLUS MANAGEMENT SERVICES (IPMS)

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

A32.1.3 FlexServ Service (Cont'd)

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 BellSouth Technical Reference 73501. A copy may be obtained by writing BellSouth Telecommunications, Inc., Documentation Operations, 3535 Colonnade Parkway, North Building, Birmingham, Alabama 35243.

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 BellSouth Technical Reference 73501. A copy may be obtained by writing BellSouth Telecommunications, Inc., Documentation Operations, 3535 Colonnade Parkway, North Building, Birmingham, Alabama 35243.

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 BellSouth Technical Reference #73501.

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 preceding.
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 preceding.
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.
4. **Multipoint Bridging:** Multipoint Bridging is a capability which permits the cross connection of multiple channels equipped with FlexServ service.
 - 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.

A32. INTEGRATION PLUS MANAGEMENT SERVICES (IPMS)

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

A32.1.3 FlexServ Service (Cont'd)

C. Options (Cont'd)

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.

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) Subrate 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.

2. Rates and Charges

a. Service Ordering Charge

- (1) Service Ordering Charge found in A4.3 will apply.

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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)

(4) Multipoint Bridging

	Installation Charge	Month to Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC
(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	-	-	-	-	DSL5B
(b) Per DS0A 9.6 Kbps, requires 5	5.00	8.75	8.15	7.60	7.20	DSL59
(c) Per DS0A 4.8 Kbps, requires 10	5.00	7.40	6.80	6.30	5.95	DSL54
(d) Per DS0A 2.4 Kbps, requires 20	5.00	7.00	6.45	5.95	5.60	DSL52
(6) Reconfiguration by Company Personnel, Request for Company to perform reconfiguration activity						
(a) Per Request					Nonrecurring Charge \$25.00	USOC FSSRA

A32.1.4 Network Usage Information Service

A. Terms and Conditions

1. The rates in C. following are in addition to all other applicable rates required to provide these services. (T)
2. The Service Ordering charge found in Section A4. is applicable in addition to other rates and charges identified for this service. (T)

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

A32. INTEGRATION PLUS MANAGEMENT SERVICES (IPMS)

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

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

A. Terms and Conditions (Cont'd)

(T)

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.
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 C.5. following 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 ESSX service, Digital ESSX service, MultiServ service, MultiServ PLUS service, BellSouth Centrex service and 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, Multiline 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 Months	73 to 96 Months	USOC NU1AA
(a) Per Customer Database	\$250.00	\$-	\$-	\$-	\$-	

A32. INTEGRATION PLUS MANAGEMENT SERVICES (IPMS)

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

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

C. Rates and Charges (Cont'd)

2. Port Connection, Per Connection Capability

	Installation Charge	Month to Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	
(a) Out Dial/Shared Connection	\$200.00	\$88.00	\$80.00	\$75.00	\$70.00	USOC NU1AB
(b) Dedicated Connection ¹	500.00	144.00	131.00	123.00	115.00	NU1AC
3. (DELETED)						
4. Station Message Detail - Premises ²						
(a) Per System	250.00	-	-	-	-	NU1AG
5. Station Message Detail - Premises, Usage Plans ³						
a. Message Usage Levels						
(1) 1 - 100,000						
(a) Per Two (2) Messages					Charge \$.01	USOC 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
6. Traffic Reports						
(a) Per Facility Group, 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 B3. of the Private Line *Guidebook* or a digital private line from Section B7. of the Private Line *Guidebook*. (T)

Note 2: The customer must subscribe to SMDR from Section A12. (T)

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

A34. ADVANCED INTELLIGENT NETWORK (AIN) SERVICES

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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

- A. SMS Storage is available where facilities or arrangements permit. (T)
- 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 Kbytes¹, 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)

Note 1: A Kbyte is equal to 1024 bytes.

A34. ADVANCED INTELLIGENT NETWORK (AIN) SERVICES

A34.5 CrisisLink Service (Cont'd)

A34.5.3 Terms and Conditions

- A. CrisisLink service is available where facilities or arrangements permit.
- B. A subscriber may identify up to three (3) Backup Numbers for each CrisisLink service plan.
- C. During a CrisisLink service activation, a subscriber may request the following changes to his routing plan and these changes will be performed at no additional charge:
 - 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 service subscriber must identify an Interexchange Carrier (IC) for any traffic routed to an out of LATA location.
- 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 service 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.
- J. Each of the CrisisLink service subscriber's Redirected Numbers must reside in a Company central office.
- K. The CrisisLink service subscriber must subscribe to adequate exchange facilities to transport the calls routed to the alternate routing locations.
- L. The activated CrisisLink service will remain active until the CrisisLink service subscriber requests to have original call routing restored.

A34.5.4 Limitation of Liability

- A. CrisisLink service 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 service in the event of a network affecting disaster. In the event of a network affecting disaster, CrisisLink service 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.
- B. Activation of subscriber plans will be performed on a first come, first served basis. When the subscriber requests that CrisisLink service 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 service subscriber requests activation and the time that activation actually occurs depends on a number of factors including the number of other CrisisLink service activations being processed when a particular request is received as well as the network load at the time the CrisisLink service 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.
- 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 service. Further, neither the Company, nor its agents, shall assume any liability for consequential, indirect or incidental damages.

A34. ADVANCED INTELLIGENT NETWORK (AIN) SERVICES

A34.5 CrisisLink Service (Cont'd)

A34.5.5 Restrictions

- A. A CrisisLink service alternate routing number cannot be a subscriber Redirected Number in another active routing plan within the LATA.

A34.5.6 Rates and Charges

A. Application of Rates

1. The CrisisLink service Nonrecurring Charge and Monthly Rate apply for each CrisisLink service 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.
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.
3. The CrisisLink service Redirected Number Nonrecurring Charge and Monthly Rate apply for each additional Redirected Number included in a routing plan.
4. A discounted monthly rate per CrisisLink service 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. Termination charges will be calculated by multiplying the number of plans by 50 percent of the contracted rate per plan times the number of months remaining in the 36-month contract.
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 service Per Call charge applies to each call rerouted during the time the alternate routing plan is active.
7. Charges in Section A4. will not apply.

(T)

B. Rates

1. CrisisLink service, per subscriber location

	Nonrecurring Charge	Monthly Rate	36-Month¹ Rate	USOC CLSEX
(a) First Plan	\$750.00	\$85.00	\$65.00	
2. CrisisLink service Volume Discounts, per subscriber location, per First Plan ²				
(a) 21 - 40 subscriber locations	675.00	85.00	65.00	CLVA
(b) 41 - 100 subscriber locations	600.00	85.00	65.00	CLVB
(c) More than 100 subscriber locations	500.00	85.00	65.00	CLVC
3. CrisisLink service, per subscriber location				
(a) Each Additional Plan	450.00	85.00	65.00	CLCX
4. CrisisLink service Redirected Number				
(a) Each additional Redirected Number	15.00	7.00	5.00	CLTA

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.

A34. ADVANCED INTELLIGENT NETWORK (AIN) SERVICES

A34.6 BellSouth AIN SMS Access Service (Cont'd)

A34.6.2 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 CONTROL POINT (SCP)

The AIN Service Control Point (SCP) is a CCS7 accessed computer device utilized by the AIN to host AIN service applications and store associated customer data. Upon demand, the SCPs respond to queries from the switch network to provide service application and customer/network routing information prior to call completion.

SERVICE MANAGEMENT SYSTEM (SMS)

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 SCPs and SNs. The SMS provides the capability to provision AIN services and to maintain existing service.

SESSION

A Session is the period of time a customer or the Company is logged onto BellSouth AIN SMS Access service. The total Session time is measured from log-in to log-out.

STORAGE UNIT

A Storage Unit is a logical collection of physical records which are stored in the SMS in a record size equivalent to 100 Kilobytes (a kilobyte is equal to 1024 bytes). Storage of information in the SMS is utilized for customer service configuration information.

A34.6.3 Terms and Conditions

- A.** BellSouth AIN SMS Access service is available where facilities or arrangements permit. (T)
- B.** Except as noted, BellSouth AIN SMS Access service 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 BellSouth AIN SMS Access service. (T)
- D.** BellSouth AIN SMS Access service customers can only activate and modify AIN service subscription information that has been ordered from the Company. The functions that can be performed are dependent on the specific AIN service that is being controlled via BellSouth AIN SMS Access service.
- E.** Each user will be required to have a separate User Identification Code. Each User Identification Code will require a Security Card.
- F.** ISDN access is required when a BellSouth AIN SMS Access service customer is also a BellSouth AIN Toolkit service subscriber. Otherwise, ISDN access is optional.
- G.** For Dial/Shared access to BellSouth AIN SMS Access service, the customer will be required to provide a terminal as specified in I.1 following, an asynchronous dial modem capable of speeds up to 19.2 Kbps and an Exchange Access Line at the customer's premises. Further information related to modem standards may be obtained from the Company.
- H.** For ISDN access to BellSouth AIN SMS Access service, the customer will be required to provide a terminal as specified in I.2 following, ISDN terminal equipment, and an ISDN equipped access line at the customer's premises.

A34. ADVANCED INTELLIGENT NETWORK (AIN) SERVICES

A34.6 BellSouth AIN SMS Access Service (Cont'd)

A34.6.3 Terms and Conditions (Cont'd)

- I. Customer terminal requirements
 - 1. Dial/Shared Access

The type of interface device required at the customer's premises is a VT100 compatible terminal or personal computer equipped with terminal emulation software. The interface device must be compatible with American National Standard Institute (ANSI) standard X3.64. Further information related to interface specifications may be obtained from the Company.
 - 2. ISDN Access

The type of interface device required at the customer's premises is a PC or workstation with X Windows software and an ISDN terminal interface. Further information related to interface specifications may be obtained from the Company.
- J. The customer will be responsible for installation, maintenance and testing of customer provided compatible terminal equipment. The Company does not assume responsibility for the compatibility or suitability of the customer's equipment.
- K. The Company shall not be responsible if changes in any of the equipment, operations or procedures of the Company utilized in the provision of BellSouth AIN SMS Access service render any facilities provided by a customer obsolete or require modification or alteration of such equipment or system or otherwise affect its use or performance.
- L. Reports associated with AIN services controlled by BellSouth AIN SMS Access service may be downloaded using BellSouth AIN SMS Access service. These reports are purchased from the *guidebook* section which governs the AIN service being controlled. Any restrictions and limitations on the use of the information contained in the reports are described in the *guidebook* for each individual service. BellSouth AIN Toolkit service, as set forth in A34.7 following, can be controlled using BellSouth AIN SMS Access service.

(T)

(T)

A34.6.4 Application of Rates

- A. No additional rates and charges (e.g., Service Charges) apply to this service except as listed in this section.
- B. The Service Establishment charge is for the initial establishment of BellSouth AIN SMS Access service in the state.
- C. The Service Charge is a nonrecurring charge applicable per wire center per AIN service administered by BellSouth AIN SMS Access service. A service specific Service Charge monthly rate may also apply.
- D. A Port Connection charge is applicable for each simultaneous access capability desired by the customer.
- E. The User Identification Codes charge is a nonrecurring charge applicable per User ID Code requested by the customer. A Security Card is also needed with each User Identification Code.
- F. The Security Card charge is applicable for initial subscription to a User Identification Code or for replacement of the Security Card.
- G. Storage charges apply to the amount of storage, measured in units of 100 Kbytes, occupied by a customer's file 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.
- H. Session charges apply when the customer accesses BellSouth AIN SMS Access service. A Session begins when the customer logs onto the SMS and ends when the customer logs off. BellSouth AIN SMS Access service sessions will incur per minute of use charges based on the duration of the session.
- I. Sessions performed by the Company at the customer's request will incur the Company Performed Session charge. Sessions performed by the Company during service installation or maintenance will not result in any session charges.

A34. ADVANCED INTELLIGENT NETWORK (AIN) SERVICES

A34.7 BellSouth AIN Toolkit Service (Cont'd)

A34.7.2 Definitions (Cont'd)

SUBSCRIPTION

The subscription is a DN plus its assigned trigger(s). A subscription is created by making a Decision Graph and associating it with a set of subscription-specific data.

TRIGGER

Triggers are interruptions in the processing of AIN calls which instruct the switch to query a network element database for further instructions to complete call processing.

A34.7.3 Terms and Conditions

- A. BellSouth AIN Toolkit service is available where facilities or arrangements permit. (T)
- B. Limitations and use of service as stated in Section A2. will apply. (T)
- C. Suspension of service, as defined in Section A2., is not applicable for this service. (T)
- D. In no event shall the Company be liable for any losses or damages of any kind resulting from the unavailability of its equipment of facilities or for any act, omission, or failure of performance by the Company or its employees, or agents, in connection with this *Guidebook*. The Company shall not be responsible for calls that can not be completed as a result of repair or maintenance difficulties on Company facilities and equipment nor on equipment owned or leased by the BellSouth AIN Toolkit service subscriber. (T)
- E. The use of the Off-Hook Immediate trigger, which directs a call immediately to the location selected by the BellSouth AIN Toolkit subscriber, affects the end-user's ability to dial 911 or E911 from the end user's telephone. It is the responsibility of the BellSouth AIN Toolkit subscriber to notify its end users of this to insure that end users are aware that they may not be able to reach 911 or E911 in an emergency, without some further action on the part of the BellSouth AIN Toolkit subscriber.
- F. When BellSouth AIN Toolkit service is interrupted due to a failure or malfunction of Company equipment or facilities, a pro rata adjustment of the appropriate monthly charges will be allowed at the request of the BellSouth AIN Toolkit service subscriber if the system is unavailable to the subscriber and the Company (to perform changes for the subscriber) for more than a 24 hour period and in accordance with the *terms and conditions* specified in Section A2. No allowances will be granted for interruptions required to perform preventive or routine maintenance, or to perform software updates when the subscriber is notified at least 24 hours prior to such occurrences. (T)
- G. The BellSouth AIN Toolkit service subscriber will be responsible for installation, maintenance and testing of customer provided compatible terminal equipment. The Company does not assume responsibility for the compatibility or suitability of the customer's equipment.
- H. The BellSouth AIN Toolkit service subscriber shall subscribe to adequate facilities to transport the calls to the subscriber locations.
- I. The Company shall not be responsible if changes in any of the equipment, operations, or procedures of the Company utilized in the provision of BellSouth AIN Toolkit service render any facilities provided by a subscriber obsolete or require modification or alteration of such equipment or system or otherwise affect its use or performance.
- J. BellSouth AIN Toolkit service requires the use of storage space on the SMS. BellSouth AIN SMS Access service rates, *terms and conditions*, as set forth A34.6 preceding will apply for BellSouth AIN Toolkit service. (T)
- K. A BellSouth AIN Toolkit service subscriber may be temporarily authorized by an end user to create services using the end user's DN(s).
- L. End User Authorization
 1. If requested by the Company, BellSouth AIN Toolkit service subscribers that create services on behalf of end users must provide proof of authorization to alter the provisioning associated with those end users' DNs.
 2. End users can revoke their authorization at any time by informing the BellSouth AIN Toolkit service subscriber of their decision. If an end user requests removal of a trigger, the end user will be referred to the BellSouth AIN Toolkit service subscriber.
 3. The Company will not become involved in disputes between a BellSouth AIN Toolkit service subscriber and a subscriber's end users. The end user will be referred to the BellSouth AIN Toolkit service subscriber for resolution of any disagreement.
 4. BellSouth AIN Toolkit service subscribers that create services using DNs that they have acquired in bulk service orders need not provide authorization to alter the provisioning associated with those DNs.

A34. ADVANCED INTELLIGENT NETWORK (AIN) SERVICES

A34.7 BellSouth AIN Toolkit Service (Cont'd)

A34.7.3 Terms and Conditions (Cont'd)

M. Triggers

1. Triggers must be activated within 90 calendar days from the order date. Additionally, deactivated triggers must be reactivated within 90 calendar days from the deactivation date. Triggers not activated/reactivated within the 90 day period will be considered available for provisioning to another subscriber or to the same subscriber. Nonrecurring Trigger Access charges will apply for reprovisioning of triggers to the original subscriber.
2. The BellSouth AIN Toolkit service subscriber must select the trigger(s) associated with each DN.
3. Triggers can be provisioned only on Company DNs.
4. A DN may have multiple BellSouth AIN Toolkit triggers active in the network concurrently.
5. A BellSouth AIN Toolkit service end user can not have more than one AIN service for the same trigger type. This restriction applies whether or not the conflicting AIN service is a BellSouth AIN Toolkit created service.
6. A service order must be issued to add or delete a trigger.
7. In order to activate a BellSouth AIN Toolkit service, the BellSouth AIN Toolkit service subscriber must associate each DN plus a trigger with a decision graph.
8. The Off-hook Delay, Off-hook Immediate, and CDP triggers can not be provisioned on the same DN.

N. The BellSouth AIN Toolkit service subscriber may allow the end user to make changes in SMS.

O. The BellSouth AIN Toolkit service subscriber/end user must select an Interexchange Carrier to do interLATA routing of calls. The Interexchange Carrier may be selected by presubscription, by dialing 101XXXX, or by having it specified by the BellSouth AIN Toolkit service.

P. Security *terms and conditions*, as set forth in BellSouth AIN SMS Access service, A34.6 preceding, will apply to BellSouth AIN Toolkit service.

Q. The BellSouth AIN Toolkit service subscriber may allow end users of the BellSouth AIN Toolkit created service to access subscription data. The type of interface required at the end user's premises is a VT-100 terminal or PC emulating the VT-100 terminal. The interface device must be a modem with a transmission rate of 19.2 Kbps or less. The BellSouth AIN Toolkit service subscriber will be required to subscribe to a User ID Code and Security Card, per the BellSouth AIN SMS Access service, as set forth in A34.6 preceding, per end user with access to the BellSouth AIN Toolkit created service subscription data.

R. Decision Graphs

1. The size of the Decision Graphs (DGs) is limited. Information regarding the maximum number of nodes which can be included in a decision graph will be provided to the subscriber at the time BellSouth AIN Toolkit is purchased.
2. After a DG is created, it must be verified by the BellSouth AIN Toolkit service subscriber and the SMS.
3. After the DG has been verified, the BellSouth AIN Toolkit -created service can be activated. Decision graphs may also be deactivated when the BellSouth AIN Toolkit service subscriber no longer requires the created service.
4. DG changes that require switch translation modifications require a service order.
5. A DG which is causing harm to the network and/or service problems can be deactivated by the Company. In such instances, the BellSouth AIN Toolkit service subscriber will be informed of the deactivation and will be provided such information as may be available concerning the cause of the problem.
6. Modifications to the DG can be made by Company personnel only when authorized by the BellSouth AIN Toolkit service subscriber.
7. A DN may have multiple DGs active in the network, where each service uses a different trigger type.
8. Multiple DGs may exist in the SMS for a single trigger on a DN but only one DG may be active at a time.

S. If the BellSouth AIN Toolkit service subscriber desires to receive Calling Party Number (CPN) or ANI information on a real time basis, they may subscribe to an appropriate service for that information.

(T)

(T)

A34. ADVANCED INTELLIGENT NETWORK (AIN) SERVICES

A34.7 BellSouth AIN Toolkit Service (Cont'd)

A34.7.3 Terms and Conditions (Cont'd)

- T. When CPN is delivered to the BellSouth AIN Toolkit service subscriber for use in service provisioning, the status of the privacy indicator will also be delivered. It is solely the responsibility of the BellSouth AIN Toolkit service subscriber to handle this information properly and in accordance with the *terms, conditions* and laws of the jurisdiction in which the subscriber is doing business. The Company is not liable for any impropriety in the BellSouth AIN Toolkit service subscriber's handling of CPN information. The Company's only responsibility is to insure that the privacy indicator is delivered to the subscriber with the CPN if the privacy indicator has been set. (T)
- U. Telephone numbers listed in any of the BellSouth AIN Toolkit service optional call reports are intended solely for use by the BellSouth AIN Toolkit service subscriber and/or end user. Resale of this information, other than by the subscriber to the end user, is prohibited by this *Guidebook*. (T)
- V. The Company may invoke call gapping as may be necessary for maintenance purposes or to maintain the quality of service in the network. If call gapping is invoked specifically on a BellSouth AIN Toolkit service subscriber's service, the Company will notify the subscriber as to the reasons this step was required and what measures may be necessary to avoid future recurrence. However, if call gapping is invoked in the network or portion of the network, the subscriber will not be individually notified.
- W. BellSouth AIN Toolkit service requires storage space on the SCP. This storage is measured in kilobytes.

A34.7.4 Restrictions and Limitations

- A. An 800 service number can be used as a point-to number for BellSouth AIN Toolkit service.
- B. On any individual directory number, each trigger can only be associated with one AIN service.
- C. Certain combinations of triggers cannot be active simultaneously on a directory number. Information regarding such conflicts will be provided to the subscriber at the time BellSouth AIN Toolkit is purchased.
- D. If a BellSouth AIN Toolkit service subscriber also subscribes to BCLID, the SCP provided number shall be delivered to the subscriber.

A34.7.5 Monthly Reports and Special Studies

- A. BellSouth AIN Toolkit service Monthly Report
 1. The BellSouth AIN Toolkit service subscriber may subscribe to a report for BellSouth AIN Toolkit service on a monthly basis. This monthly report may consist of:
 - Number of recorded call attempts to a BellSouth AIN Toolkit service subscription
 - Number of geographic node lookups per BellSouth AIN Toolkit service subscription (only if the geographic node is used)
 - The value of the counters for the defined period of time (only if counter incremental nodes are used)
 - Number of times each announcement ID is played (only if announce and collect or terminating announcement nodes are used)
 - Number of calls routed to each terminating number
 2. The BellSouth AIN Toolkit service Monthly Report is provided per BellSouth AIN Toolkit service subscription.
- B. BellSouth AIN Toolkit service Special Study
 1. The BellSouth AIN Toolkit service subscriber may request a BellSouth AIN Toolkit service Special Study at any time after the BellSouth AIN Toolkit service has been activated. A BellSouth AIN Toolkit service Special Study contains the same information as the BellSouth AIN Toolkit service Monthly Report except that the Special Study is conducted over a limited amount of time. The special study interval must be a minimum of five days and a maximum of thirty-one days and must begin at 12:01 A.M., and it can not span more than one calendar month.
 2. The BellSouth AIN Toolkit service subscriber must request a BellSouth AIN Toolkit service Special Study through the service ordering process.
 3. The BellSouth AIN Toolkit service subscriber to the BellSouth AIN Toolkit service Monthly Report or to the BellSouth AIN Toolkit service Special Study, but can not subscribe to both during the same period of time.

A35. INTERCONNECTION OF MOBILE SERVICES

A35.1 Interconnection Services for Mobile Service Providers (MSPs)

A35.1.1 General

- A. The services offered herein are for use by Mobile Service Providers (MSPs) 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 (MSPs) 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. Except as noted for certain usage charges, the rates, terms and conditions in this section will not change prior to November 18, 1996.
- D. In lieu of the terms, rates and charges set forth in this section, the MSP may elect the terms, rates and charges set forth in any other provision of this *Guidebook* for the termination or origination of traffic on the Company's network that are available specifically for the provision of interconnection to carriers lawfully authorized and certificated by the Georgia Public Service Commission (to the extent that such certification is required by law) to provide switched local exchange service within the basic local calling area as defined in A3.6 of the MSP's point of interconnection to the Company's network. However, services offered under this section may not be combined with services offered under any other provision of this *Guidebook* that are used for interconnection of the MSP's network to the Company's network in the same LATA. (T)
- E. The services provided under this *Guidebook* shall be used by the MSP in compliance with the terms and conditions of this *Guidebook* and only for the handling of traffic in conjunction with the MSP's authorized services. (T)
- F. The services provided by the Company shall not be connected together by the MSP for the purpose of completing a call from one landline telephone to another landline telephone except to the extent that the MSP is legally authorized and has obtained any required regulatory approval to complete such calls using services provided by the Company. Any such landline-to-landline call shall incur all applicable usage charges as provided in this *Guidebook* for both the land-to-mobile and the mobile-to-land portions of the call. (T)
- G. 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. MSP lines, one-way outward MSP trunks, and two-way MSP trunks are "line side" connections to the Company switch. One-way inward BellSouth CMRS Local Loop Trunks, BellSouth CMRS Type 1, BellSouth CMRS Type 2A, BellSouth CMRS Type 2B, and 800/DID Service Access trunks are considered "trunk side" connections to the Company switch.
 - 3. Because BellSouth CMRS Type 1 and BellSouth 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.
- H. 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 January 1, 1995 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)

A35. INTERCONNECTION OF MOBILE SERVICES

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

A35.1.1 General (Cont'd)

H. Service Installation Guarantee (Cont'd)

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.
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 customer's facilities and/or equipment,
 - b. to service requiring Special Construction as set forth in Section A5. (T)
 - c. to Specialized Service or Arrangements or Individual Case Basis filings as set forth in Section A5. (T)
 - d. when alternate arrangements for SS7 signaling links are utilized.

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

I. 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. The MSP is not limited as to the number or location of points of interconnection.
2. 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)
3. In order to provide compliant interconnection arrangements, it may be necessary for the Company to place equipment at the MSP's point of termination. The MSP shall furnish or arrange to have furnished to the Company, at no charge, equipment space and electrical power required by the Company to provide services under this *Guidebook*. The MSP shall also provide the Company reasonable access for installing, testing, maintaining, or removing equipment. Facilities and equipment utilized by the Company to provide services under the provisions of this *Guidebook* shall remain the property of the Company and shall be returned to the Company by the MSP upon reasonable request. (T)

A35. INTERCONNECTION OF MOBILE SERVICES

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

A35.1.1 General (Cont'd)

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

4. MegaLink service, MegaLink Light service, MegaLink channel service, SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring), and LightGate service (a.k.a. BellSouth SPA Point to Point Network) 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 B7. of the Private Line *Guidebook* for MegaLink service, MegaLink Light service or LightGate service (a.k.a. BellSouth SPA Point to Point Network). (T)
5. Directory listings for MSPs are provided in accordance with *terms, conditions* and rates found in Section A6. (T)
6. Clients of the MSP may be provided directory listings as specified in A6.6.2 Business Additional Listing.
7. Charges for Directory Assistance, Directory Assistance/Directory Assistance Call Completion, Operator Assisted Local Call and Local Calling Card Service, and Local Operator Verification/Interruption Service as defined in Section A3. are applicable and will be individually itemized on the MSPs bill. (T)
8. Charges for Directory Assistance, Operator Assisted Calls, and IntraLATA Long Distance Operator Verification/Interruption Service as defined in Section A18. are applicable and will be individually itemized on the MSPs bill. (T)
9. When the MSP wants to prohibit third number and collect calls to mobile numbers, Billed Number Screening is available upon request, per Section A2. 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. (T)
10. 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 rearrangement.
11. Billing disputes should 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 30 days from receipt of such notification. The Company will resolve the dispute and assess interest credits or late payment penalties to the MSP as follows:
 - If the dispute is resolved in favor of the Company and the MSP has paid the disputed amount on or before the payment due date, no credits or late payment penalties will apply to the disputed amount.
 - If the dispute is resolved in favor of the Company, a late payment charge of 1.25 percent will be applied to an MSP's bill with an unpaid past due balance of \$30.00 or more. The 1.25 percent charge is applied to the total unpaid amount carried forward and is included in the total amount due on the current bill.
 - If the dispute is resolved in favor of the MSP and the MSP has withheld the disputed amount, no credits or late payment penalties will apply to the disputed amount.
 - If the dispute is resolved in favor of the MSP and the MSP has paid the disputed amount, the MSP will receive a credit from the Company for the disputed amount. If the disputed amount is \$30.00 or more, it will be subject to an interest credit of 1.25 percent per month.
12. The MSP may pay usage charges for mobile originated traffic on either a local and toll basis or on a LATA-wide basis. However, the MSP is limited to only one method of paying for this usage per LATA.

J. Usage Charges for Mobile Originating Traffic - Local and Toll

A35. INTERCONNECTION OF MOBILE SERVICES

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

A35.1.1 General (Cont'd)

- J.** Usage Charges for Mobile Originating Traffic - Local and Toll (Cont'd)
1. Usage charges apply to mobile originated calls, 1.) terminating within the basic local calling area (BLCA) as defined in A3.6, and 2.) inter-BLCA/intraLATA calls terminating within the franchised serving area of the Company or Independent Telephone Companies. Inter-BLCA/intraLATA calls which terminate outside the state of Georgia are also covered by this *Guidebook*. (T)
 2. Usage charges will not apply to calls to Company Business Offices, Directory Assistance, 911 Emergency Service, 950, 700, 800, 900 services or operator assisted and other services for which a charge or surcharge already applies. On calls to Directory Assistance/Directory Assistance Call Completion, usage charges will apply when calls are completed.
 3. The usage rate for mobile originated traffic terminating within the Basic Local Calling Area, as measured from the first point of switching for each connection with the Company's network, will not change from the rate shown in this *Guidebook* prior to November 18, 1996. The usage rate for mobile originated calls terminating outside the Basic Local Calling Area, but within the LATA, will be the sum of the switched intrastate access rates for Carrier Common Line (terminating), local switching, and local transport for the 25-50 mile band in the Company's Access Service Tariff. Any changes in the aforementioned rate elements will be deemed to be effective in this *Guidebook* coincident with the effective date of the intrastate switched access tariff. (T)
- K.** Usage Charges for Mobile Originating Traffic - LATA-wide
1. Usage charges apply to mobile originated calls, (1) terminating within the Basic Local Calling Area (BLCA) as defined in A3.6, and (2) inter-BLCA/intraLATA calls terminating within the franchised serving area of the Company or Independent Telephone Companies. Inter-BLCA/intraLATA calls which terminate outside the state of Georgia are also covered by this *Guidebook*. (T)
 2. Usage charges will not apply to calls to Company Business Offices, Directory Assistance, 911 Emergency Services, 950, 700, 800, 900 services or operator assisted and other services for which a charge or surcharge already applies. On calls to Directory Assistance/Directory Assistance Call Completion, usage charges will apply when calls are completed.
 3. The usage rate for mobile originated calls terminating within the LATA will be based on a traffic mix of 60 percent terminating within the Basic Local Calling Area (BLCA) and 40 percent terminating outside the BLCA. The usage rate will be developed using the usage rates for calls terminating within the BLCA and the intraLATA toll usage rate for calls terminating outside the BLCA. Both of these rates are found in A35.1.6.C.1. Any changes in either of these usage rates will cause an automatic change in the LATA-wide usage rate.
- L.** Optional Land-to-Mobile (LTM) Calling Plan
1. An optional Land-to-Mobile (LTM) calling plan is available to the MSPs. The LTM option allows intraLATA toll calls and expanded Local Calling Area calls from telephone numbers served by the Company and terminating in the MSP network to be excluded from the originating customer's bill. The exchanges served by the Company and the expanded Local Calling Areas are listed in A3.6. Land line calls rated as local and within the basic Local Calling Area, as described in A3.6, are not covered by this plan. The MSP will pay the charge set forth in A35.1.6.C.3. in lieu of charges which would have been applicable to the originating user. (T)
 2. The LTM calling plan is LATA wide within the Company's service territory and requires that a MSP dedicate an entire NXX for this option.
 3. The usage rate for the LTM calling plan will not change from the rate shown in this *Guidebook* prior to November 18, 1996. (T)
 4. Usage for LTM is billed by accumulating call holding times (defined as the time between answer and disconnect), the exact value of the fraction being a function of the switch technology where the measurement is made, over the billing period and then rounding up to the nearest minute. The total holding time is then multiplied by the appropriate rate per minute and rounded to the nearest cent. A minimum charge per call of \$.013 is applicable. That is, if the average charge per call for a billing period is less than \$.013, the usage charge will be computed as if all calls were \$.013.
- M.** Optional Selective Exchange LTM Calling Plan

A35. INTERCONNECTION OF MOBILE SERVICES

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

A35.1.1 General (Cont'd)

M. Optional Selective Exchange LTM Calling Plan (Cont'd)

1. This optional plan is available to the MSPs. It allows IntraLATA toll calls and expanded Local Calling Area calls from telephone 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 exchanges served by the Company and the expanded Local Calling Areas are listed in A3.6. Land line calls rated as local and within the basic Local Calling Area, as described in A3.6, are not covered by this plan. The MSP will pay the charges set forth in A35.1.6.C.4. in lieu of charges which would have been applicable to the originating user. (T)
2. This plan is provided on an exchange-by-exchange basis within the Company's service territory and requires that an MSP dedicate an entire NXX for this option. Once the plan is implemented, the addition of new exchanges or deletion of existing exchanges shall not occur prior to one month after that implementation.
3. The Optional Selective Exchange LTM calling plan usage rate is the same as the Optional LTM calling plan usage rate. A minimum charge per call of \$.013 is also applicable.

N. 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 are billed by accumulating call holding times (defined as the time between answer and disconnect), the exact value of the fraction being a function of the switch technology where the measurement is made, over the billing period and then rounding up to the nearest minute. The total holding time is then multiplied by the appropriate rate per minute, and rounded to the nearest cent. A minimum charge per call is applicable for optional LTM as specified in L.3. and M.3. preceding.
3. In cases where the Company cannot measure usage, the MSP will be required to provide local and toll or LATA-wide usage monthly depending on the type of mobile originated usage plan the MSP has at the point of termination. The usage should be provided in a Company prescribed format, thirty (30) calendar days from the close of the billing period, to be used for bill preparation. Upon request, the Company will work with an MSP to allow an average monthly usage to be provided quarterly.

In cases where the MSP cannot measure usage but can supply the number of messages, the Company will apply a per message rate equal to 2.0 minutes times the applicable usage rate per minute. The MSP may report the number of local and toll messages separately, or the Company and the MSP will jointly develop an assumed split of local and toll messages, if required.

O. Assignment of Numbers and NXX Codes

1. The Company, presently acting as the individual Numbering Plan Area (NPA) administrator for the North American Numbering Plan (NANP), may make changes in NPA and NXX assignments, pursuant to the provisions and requirements of the NANP.
2. The Company will provide adequate notice to the MSP if changes are required to NPA/NXX codes assigned to the MSP. If at all possible, the MSP will be provided twelve months notice in advance of the NPA/NXX code change.
3. Assignment of NXX codes is subject to code administration measures as outlined in Bellcore SR-TSV-002275, or superseding documents. Assignment of NXX codes may be based on utilization levels of number allocations for existing service or on projected market forecasts for new service. With respect to requests for additional numbers to be used with existing services, the MSP should typically demonstrate a seventy percent utilization level of existing number resources prior to receiving an additional allocation of numbers. The MSPs forecasted needs should cover a three to five year period.
4. The MSP may order less than a full NXX code for BellSouth CMRS Type 1 interconnection and BellSouth CMRS Local Loop Trunks.

A35. INTERCONNECTION OF MOBILE SERVICES

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

A35.1.1 General (Cont'd)

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

6. At the request of the MSP, subject to the operating limits and availability of facilities, these services may be provided from offices other than the MSPs serving central office(s) (C.O.). When voice grade circuits are served from other than the MSP's normal serving central office, rates for interoffice channels from A35.1.6 will apply. When DS-1 service is provided from other than the MSP's normal serving central office, the appropriate rates specified in B7.1 of the Private Line *Guidebook* apply. (T)
 When service to the MSP is provided from a Company central office other than the MSP's normal serving central office which is located in Georgia, and the interoffice channel crosses a state boundary but remains in a Georgia LATA, the preceding referenced interoffice channel rates will apply. All other rates and charges, including applicable usage charges, will be those specified in the appropriate tariff section of the intrastate tariff effective in the state where the selected Company central office is located.
7. In cases when the service requested by the MSP cannot technically be provided in accordance with TR-NPL-00145 (or superseding documents), the Company, subject to mutual agreement with the MSP, will provide functionally equivalent service at rates equal to those of the requested service. At the discretion of the Company, this service may be provided at a Central Office (C.O.) other than the C.O. from which service was originally requested.

A35.1.2 BellSouth CMRS Local Loop Lines and BellSouth CMRS Local Loop Trunks

- A. BellSouth CMRS Local Loop Lines are equivalent to measured business lines.
- B. BellSouth 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. BellSouth CMRS Local Loop Trunks arranged for one-way inward (C.O. to MSP) traffic with outpulsing 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 BellSouth CMRS Local Loop Lines and BellSouth CMRS Local Loop Trunks, subject to the availability of suitably equipped central offices.

A35.1.3 BellSouth CMRS Type 1 Interconnection

- A. A BellSouth CMRS Type 1 interconnection is a connection between a Company end office and an MSP's point of termination. With a BellSouth 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).
- B. Trunk groups containing the BellSouth 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.
- C. Call Screening and Restriction Services - Customized Call Restriction (A13.20) is an optional service available with BellSouth CMRS Type 1 Service, subject to the availability of suitably equipped central offices.
- D. Rates and charges for BellSouth CMRS Type 1 interconnection consists of rate elements for a physical circuit between the MSP's location and the Company's end office, and a network usage rate. Usage charges apply only to traffic originating in the mobile network and passed to the Company's network for completion by the Company to telephone numbers within the LATA served by the Company, by Independent Telephone Companies (ICO's), or by other mobile carriers. In order for calls from the landline network to complete to the MSP's network, telephone numbers must also be reserved for use by the MSP. The telephone numbers assigned for the MSP's use for BellSouth CMRS Type 1 interconnections are said to reside in the Company's end office. The MSP may request (subject to the utilization criteria of the North American Numbering Plan) that an NXX dedicated for its use be provided at the Company end office to which the BellSouth CMRS Type 1 interconnection is desired, or the MSP may request that numbers be assigned for its use from an NXX already resident in that end office.

A35.1.4 BellSouth CMRS Type 2 Interconnection

- A. BellSouth CMRS Type 2A
 1. A BellSouth CMRS Type 2A interconnection is a connection between a Company access tandem or local tandem office to an MSP's point of termination. The MSP switch acts like an end office.

A35. INTERCONNECTION OF MOBILE SERVICES

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

A35.1.4 BellSouth CMRS Type 2 Interconnection (Cont'd)

- A. BellSouth CMRS Type 2A (Cont'd)
2. BellSouth 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-conforming end office.
 3. For an MSP that offers equal access to its customers, a BellSouth CMRS Type 2A interconnection to an access tandem can establish connections to valid NNX codes in the LATA, 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 BellSouth CMRS Type 1 connection.
 4. For an MSP that does not offer equal access to its customers, a BellSouth CMRS Type 2A interconnection to an access tandem can establish connections to valid NXX codes in the LATA, and to a Feature A (FGA), FGB, or FGC IC. Access to Service Access Codes (700, 800, 900), Operator Services (0- and 0+) and N11 codes is not permitted; those calls must be completed over a separate BellSouth CMRS Type 1 interconnection.
 5. If a BellSouth CMRS Type 2A interconnection is optioned for two-way or one-way inward (to the MSP), an NXX code dedicated to the MSP switch is required.
 6. BellSouth CMRS Type 2A service may be optioned for Common Channel Signaling using Signaling System 7 (CCS7) protocols, hereafter referred to as BellSouth CMRS Type 2A-SS7. Mobile originated traffic over BellSouth 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 BellSouth CMRS Type 2A-SS7 service will no longer be limited to intraLATA terminations through those offices.
 7. When BellSouth 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.
 8. BellSouth 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 BellSouth 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.
- B. BellSouth CMRS Type 2B
1. BellSouth CMRS Type 2B interconnection is a connection between a Company end office and the MSPs point of termination. This type connection provides a high usage route to/from NXX codes located in the end office.
 2. If a BellSouth CMRS Type 2B interconnection is optioned for two-way or one-way inward (to the MSP), an NXX code dedicated to the MSP switch is required.
 3. BellSouth CMRS Type 2B interconnection is available for Local and Toll usage plan subscribers and LATA-wide usage plan subscribers.
 4. The usage rate associated with the BellSouth CMRS Type 2B interconnection will not change from the rate shown in this *Guidebook* prior to November 18, 1996. (T)
- C. Rates and charges for BellSouth CMRS Type 2A and BellSouth CMRS Type 2B interconnection consists of rate elements for a physical circuit between the MSPs location and the Company's tandem office, and a network usage rate. Usage charges apply only to traffic originating in the mobile network and passed to the Company's network for completion by the Company to telephone numbers within the LATA served by the Company, by Independent Telephone Companies (ICO's), or by other mobile carriers. In order for calls from the landline network to complete to the MSPs network, telephone numbers must also be reserved for use by the MSP. The telephone numbers assigned for the MSPs use for BellSouth CMRS Type 2A or BellSouth CMRS Type 2B interconnection are said to reside at the MSPs Point of Presence (POP). The MSP must reserve at least one dedicated NXX code for BellSouth CMRS Type 2 interconnection.

A35. INTERCONNECTION OF MOBILE SERVICES

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

A35.1.6 Rates and Charges (Cont'd)

A. Voice Grade Service (Cont'd)

4. Interoffice channels^{1,2} (Cont'd)

	Nonrecurring Charge	Monthly Rate	USOC BSVEN
(f) Over 25 miles, per airline mile or fraction thereof	\$-	\$1.95	
B. DS1 Service³			
1. Twenty-four (24) Voice Equivalent Channels			
a. Facilities ⁴			
(1) Facilities are provided at the rates specified for MegaLink service, MegaLink Light service, SMARTRing service (BellSouth SPA Dedicated Ring) as described following or LightGate service (BellSouth SPA Point to Point Network), contained in Section B7. of the Private Line <i>Guidebook</i> . Note that the service establishment fee is applicable for MegaLink service and MegaLink Light service and is not applicable for DS1 service when totally provisioned over LightGate service (BellSouth SPA Point to Point Network) or comparable DS3 services. SMARTRing service (BellSouth SPA Dedicated Ring) as described following or LightGate service (BellSouth SPA Point to Point Network) from the Company's F.C.C. No. 1 Tariff, Section 7, may also be utilized.			(T)
(2) SMARTRing service (BellSouth SPA Dedicated Ring) as provided in Section B7. of the intrastate Private Line <i>Guidebook</i> as of October 31, 1995 may be utilized. If additions or changes are subsequently made to SMARTRing service (BellSouth SPA Dedicated Ring) in Section B7. of the intrastate Private Line <i>Guidebook</i> , the SMARTRing service (BellSouth SPA Dedicated Ring) with the additions or changes will become available for use in this <i>Guidebook</i> thirty days after the effective date of those changes in Section B7.			(T)
b. Trunk termination			
(1) At the Company switch			
(a) Analog or Digital Company switch	93.65	132.25	UTQ
2. Less than Twenty-four (24) Voice Equivalent Channels			
a. Facilities ⁴			
(1) Facilities are provided at the rates specified for MegaLink service, MegaLink Light service, SMARTRing service (BellSouth SPA Dedicated Ring) as described following or LightGate service (BellSouth SPA Point to Point Network), contained in Section B7. of the Private Line <i>Guidebook</i> . Note that the service establishment fee is applicable for MegaLink service and MegaLink Light service, and is not applicable for DS1 service when totally provisioned over LightGate service (BellSouth SPA Point to Point Network) or comparable DS3 services. SMARTRing service (BellSouth SPA Dedicated Ring) as described following or LightGate service (BellSouth SPA Point to Point Network) from the Company's F.C.C. No. 1 Tariff, Section 7. may also be utilized.			(T)

Note 1: Interoffice channels are required when the carrier requests connection to a wire center which is not the normal serving wire center for the carrier location.

Note 2: Only one mileage band applies per interoffice channel.

Note 3: DS1 service denotes twenty-four voice grade channels encoded at 1.544 Mbps in accordance with the North American hierarchy of digital signal levels. Also see A35.1.1.G.

Note 4: When MegaLink service and/or MegaLink Light service is used to provide interconnection facilities, all applicable rates and charges from the Private Line *Guidebook* (PLST) will apply. When LightGate service (BellSouth SPA Point to Point Network) is used for interconnection facilities, rates and charges from PLST, in B7.4.4. apply, except for channelization capacity (B7.4.4.C.), and feature activation (B7.4.4.D.). LightGate service (BellSouth SPA Point to Point Network) used for interconnection facilities must be arranged for DS1 level termination at the Company central office. (T)

A35. INTERCONNECTION OF MOBILE SERVICES

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

A35.1.6 Rates and Charges (Cont'd)

B. DS1 Service¹ (Cont'd)

2. Less than Twenty-four (24) Voice Equivalent Channels (Cont'd)

(2) SMARTRing service (BellSouth SPA Dedicated Ring) as provided in Section B7. of the intrastate Private Line *Guidebook* as of October 31, 1995 may be utilized. If additions or changes are subsequently made to SMARTRing service (BellSouth SPA Dedicated Ring) in Section B7. of the intrastate Private Line *Guidebook*, the SMARTRing service (BellSouth SPA Dedicated Ring) 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. (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 twenty-four channels at the central office, plus feature activation charges at the central office for the number of channels ordered. (T)

c. Voice grade trunk terminations

When less than twenty-four 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 BellSouth CMRS Local Loop Trunks, BellSouth CMRS Type 1, BellSouth CMRS Type 2A, and BellSouth CMRS Type 2B circuits. A voice grade trunk termination applies for each channel activated.

(1) BellSouth CMRS Local Loop Trunks

	Nonrecurring Charge	Monthly Rate	USOC
(a) Direct Inward Dialing (DID) trunk termination equipped for dial pulse address pulsing	\$90.00	\$40.00	RTBAX
(b) DID trunk termination equipped for dual tone multifrequency (DTMF) address pulsing	90.00	47.50	RTBBX
(c) DID trunk termination equipped for multifrequency (MF) address pulsing	90.00	47.50	RTBCX

(2) BellSouth CMRS Type 1, BellSouth CMRS Type 2A, or BellSouth CMRS Type 2B circuits

(a) Per voice equivalent channel activated	90.00	47.50	BSVTP
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3. Network Access Service

a. Control Access Register (CAR) package, per voice grade equivalent channel

(1) BellSouth CMRS Type 1

(a) Two-way	-	5.00	BSVSC
(b) One-way Inward (Company to CMC)	-	5.00	BSVS1
(c) One-way Outward (CMC to Company)	-	5.00	BSVSO

(2) BellSouth CMRS Type 2A or BellSouth CMRS Type 2C

(a) Two-way	-	5.00	BSVTC
(b) One-way Inward (Company to CMC)	-	5.00	BSVT1
(c) One-way Outward (CMC to Company)	-	5.00	BSVTO

(3) BellSouth CMRS Type 2B

(a) Two-way	-	5.00	BSVMC
(b) One-way Inward (Company to CMC)	-	5.00	BSVM1
(c) One-way Outward (CMC to Company)	-	5.00	BSVMO

Note 1: DS1 service denotes twenty-four voice grade channels encoded at 1.544 Mbps in accordance with the North American hierarchy of digital signal levels. Also see A35.1.1.G.

A35. INTERCONNECTION OF MOBILE SERVICES

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

A35.1.6 Rates and Charges (Cont'd)

F. Mobile Service Provider (MSP) 800 Service to Direct Inward Dialing (DID) (Cont'd)

1. (Cont'd)

	Nonrecurring Charge	Monthly Rate	USOC WHMS+
(b) 800 Service Access Trunk, ¹ on High Capacity facilities	\$-	\$-	
(c) 800 Service Network Usage ²	-	-	NA
(d) 800 Service DID trunk terminations ^{3,4}	90.00	40.00	NDW
(e) Establish trunk group and provide first group of 100 numbers from an 800 code assigned for RCC Services ⁵	300.00	1.75	T9B
(f) Each additional group of 100 numbers from an 800 code assigned for RCC services ⁵	180.00	1.75	T9BEA

G. MSP Selective Class of Call Screening

1. The following monthly rates are applicable for MSP Selective Class of Call Screening.

	Monthly Rate	USOC
(a) Option 1, per BellSouth CMRS Local Loop Line, BellSouth CMRS Local Loop Trunk, or BellSouth CMRS Type 1 trunk equipped ⁶	\$2.80	SRGM1
(b) Option 2, per BellSouth CMRS Local Loop Line, BellSouth CMRS Local Loop Trunk, or BellSouth CMRS Type 1 trunk equipped ⁶	2.80	SRGM2

A35.2 (DELETED) ⁷

Note 1: 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 WH9T+). 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.

Note 2: Rates and charges for the 800 Service usage as specified in Section A19. apply.

Note 3: 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 4: Each additional loop from the carrier location to the same wire center.

Note 5: Numbers provided at this rate are sequential within a number group.

Note 6: See A35.1.1.P. for a description of the options.

Note 7: COMMON CHANNEL SIGNALING IS-41 AND ISDNUP MESSAGE TRANSPORT SERVICE: See section E6. of the Access Services Tariff for CCS7 Signaling Connections, CCS7 Signaling Terminations and CCS7 Access Arrangement Usage.

(T)

A35. INTERCONNECTION OF MOBILE SERVICES

A35.2 (DELETED)¹ (Cont'd)

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 operator 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.

Note 1: COMMON CHANNEL SIGNALING IS-41 AND ISDNUP MESSAGE TRANSPORT SERVICE: 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

A35.3 Operator Services Interconnection (Cont'd)

A35.3.2 General (Cont'd)

- 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 in compliance with the terms and conditions of this *Guidebook* and only for the handling of traffic in conjunction with the MSP's authorized services. (T)
- F. Billing disputes should 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 30 days from receipt of such notification. The Company will resolve the dispute and assess interest credits or late payment penalties to the MSP as follows:
 - If the dispute is resolved in favor of the Company and the MSP has paid the disputed amount on or before the payment due date, no credits or late payment penalties will apply to the disputed amount.
 - If the dispute is resolved in favor of the Company, a late payment charge of 1.25 percent will be applied to an MSP's bill with an unpaid past due balance of \$30.00 or more. The 1.25 percent charge is applied to the total unpaid amount carried forward and is included in the total amount due on the current bill.
 - If the dispute is resolved in favor of the MSP and the MSP has withheld the disputed amount, no credits or late payment penalties will apply to the disputed amount.
 - If the dispute is resolved in favor of the MSP and the MSP has paid the disputed amount, the MSP will receive a credit from the Company for the disputed amount. If the disputed amount is \$30.00 or more, it will be subject to an interest credit of 1.25 percent per month.
- 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 A35.1.6.C preceding, apply to intrastate intraLATA and interstate intraLATA DACC calls completed over this interconnection. These usage charges apply according to the specifications outlined in A35.1.1.J or A35.1.1.K, except that the rating for these calls will be based on the screening telephone number in all cases.

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 telephone number must be provided for an Operator Services Interconnection. The chosen telephone number can only then be used in the provisioning of this service.

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 and LightGate service (a.k.a. BellSouth SPA Point to Point Network) from Section B7. of the Private Line *Guidebook* are used to rate the facilities used for Operator Services Interconnection. 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

A35. INTERCONNECTION OF MOBILE SERVICES

A35.3 Operator Services Interconnection (Cont'd)

A35.3.5 Rates and Charges (Cont'd)

A. Facilities (Cont'd)

1. The following facility rates apply:

- a. Rates for digital private line services (either MegaLink service, MegaLink Light service or LightGate service (a.k.a. BellSouth SPA Point to Point Network), as provided in Section B7. of the Private Line *Guidebook* apply from the MSP's premises to the MSP's serving wire center. (T)

B. Equipment Termination

1. Trunk Termination, per DS1

	Nonrecurring Charge	Monthly Rate	USOC OSNET
(a) At Company TOPS Tandem Switch	\$93.65	\$132.25	

C. Control Access Register

1. Voice Grade Equivalent

(a) Per Channel	-	5.00	OSNCA
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A35.4 OPTITALK Service

A35.4.1 Service Description

- A. OPTITALK service will be provided on an intraLATA point-to-point basis within the Company's franchised service area subject to transmission and/or design limitations. This service allows the Mobile Service Providers (MSPs) to connect cell sites together through fiber facilities and optical equipment.
- B. Subject to transmission and/or design limitations and applicable network disclosure obligations, the specific type of optical equipment used to provide OPTITALK service will be selected by the MSP from those listed in C. following.
- C. In order to offer the MSP a variety of alternatives for the MSP's customer provided equipment, the Company offers the following choices of optical equipment configurations, in conformance with the noted network interface. Included in all of these is an Optical Transceiver Unit (OTU). This unit provides RF-to-optics conversion for the forward (transmit) direction and optics-to-RF for the reverse (receive) direction.
 - 1. Optical equipment compliant with BST Technical Reference 73567, Wideband Analog Transport Microcell Optical Link Service - Type B Arrangement. (E.g., the AT&T Autoplex 1000 system.)
 - 2. Optical equipment compliant with BST Technical Reference 73588, Wideband Analog Transport Microcell Optical Link Service - Type C Arrangement. (E.g., the ADC Kentrox CityCell system.)
 - 3. Optical equipment compliant with BST Technical Reference 73589, Wideband Analog Transport Microcell Optical Link Service - Type D Arrangement. (E.g., the Peninsula LC-800 Lightwave microcell system.)

A35.4.2 General

- A. This service is available, at the discretion of the Company, where facilities and/or right-of-way considerations permit.
- B. Except as specifically noted otherwise, 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 B2. of the Private Line *Guidebook*. (T)
- C. The service provided under this *Guidebook* shall be used by the MSP only for the handling of traffic on the MSP's network in conjunction with its authorized services. (T)
- D. The rates contained in this offering contemplate the use of serving arrangements described in this *Guidebook*. Other facility requirements, equipment, or service options may be requested via the special assembly process as defined in Section A5. (T)

A35. INTERCONNECTION OF MOBILE SERVICES

A35.4 OPTITALK Service (Cont'd)

A35.4.2 General (Cont'd)

- E.** Billing disputes must be communicated to the Company in writing within thirty days from the billing date. The Company will make every effort to investigate such disputes and reconcile any differences within thirty days from receipt of such notification. The Company will resolve the dispute and assess interest credits or late payment penalties to the MSP as stated in A35.1.1.11. (T)
- F.** Responsibilities of the Company
1. The Company will install, maintain and repair the fiber facilities and the optical equipment necessary to provide OPTITALK service.
 2. The Company will establish two network interface points for this service. The network interface at the host cell site is described as "Network Interface 'A'" in the aforementioned Technical References. The network interface at the remote microcell site is described as "Network Interface 'B'" in the aforementioned Technical References.
 3. Where this service is to be established at a location that would involve undue hazards, or where accessibility is impracticable to employees of the Company, the MSP may be required to install and maintain the Company's equipment and facilities in a manner satisfactory to the Company.
 4. The Company is only responsible for testing and verifying the installed fiber facilities.
- G.** Responsibility of the MSP
1. The MSP will install, maintain and repair all of its equipment and will monitor the optical equipment and fiber facilities installed by the Company. The MSP will be responsible for all power and monitoring functions for all equipment at the host and remote cell sites. The MSP will be responsible for notifying the Company of any troubles in the optical equipment and/or fiber facilities which require repair service.
 2. The MSP must be prepared to activate its portion of the service in a timely manner on the negotiated date and to provide testing equipment and personnel to support installation requirements, as may be necessary.
 3. The MSP must provide Company employees reasonable access to its equipment at the host and remote cell sites.
 4. The MSP must arrange for and provide equipment space and location assignment for Company equipment required to support the service at the cell sites.
- H.** Billing for the service will begin on the service date. The MSP may cancel the service request or change the service date prior to the service date by notifying the Company in writing. If the MSP cancels the service request, the MSP is required to reimburse the Company for expenses already incurred as specified in B2.4.14 of the Private Line *Guidebook* for LightGate service (a.k.a. BellSouth SPA Point to Point Network). (T)
- I.** The Company will assist the MSP in resolving any installation or day to day problems. However, dispatches to the MSP premises caused by MSP equipment troubles will result in Trouble Location Charges to the MSP.
- J.** Compatibility information for interconnection to the Company's fiber optics equipment and facilities is described in Technical References TR 73567, TR 73588, and TR 73589.

A35.4.3 Application of Rates

- A.** OPTITALK service is comprised of a distance sensitive facility rate from one cell site to another cell site and a rate for optical equipment.
- B.** When the host cell site and the remote cell site are on the same feeder distribution route, a single local channel will be billed, with the airline mileage being computed between the host and remote cell sites.
- C.** When the host cell site and the remote cell site are not on the same feeder distribution route, two local channels will be billed, one for the airline distance between the host cell site and its serving wire center, and another for the airline distance between the remote cell site and its serving wire center.

A35. INTERCONNECTION OF MOBILE SERVICES

A35.4 OPTITALK Service (Cont'd)

A35.4.3 Application of Rates (Cont'd)

- D.** If an MSP subscribes to Option 2 for the optical equipment, the optical equipment may be moved anywhere within the LATA for a period of four years from the initial service date. A nonrecurring move charge for Option 2 will apply. Revised facility rates will apply at the new location.

At the time the Option 2 optical equipment has surpassed four years from its in-service date, any subsequent re-arrangement of the optical equipment will be treated as a disconnect for rate purposes.

- E.** In order to avoid major rearrangements and to maximize utilization of fiber plant, the Company may design the fiber facilities used for OPTITALK service to loop through a central office. Any choices made as to the routing of fiber cable facilities or choices made as to whether the fiber facilities used will be from existing fiber feeder routes or new facilities will be at the discretion of the Company.
- F.** When special construction of fiber cable is required, additional charges will apply as specified in Section A5. The customer will be notified of any special construction charges required for this service prior to the MSP establishing a firm commitment for this service. (T)

A35. INTERCONNECTION OF MOBILE SERVICES

A35.5 Connection of Commercial Mobile Radio Service Providers to E911 Services

A35.5.1 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 BellSouth E911 tandem with voice, P-ANI and call back number (CBN) of the caller for Phase 1 compliance. The BellSouth 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).
 2. The CAMA Interconnection will allow the CMRS provider to pass wireless 911 calls with voice and P-ANI to the BellSouth 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 1. and 2. preceding, 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 2. preceding 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)
- 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 the General *Exchange Guidebook*, Section A13.27) 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)
- C. BellSouth provides fault-tolerant and redundant ALI (Automatic Location Identification) computers for high availability service to the PSAPs. The BellSouth 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 BellSouth 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.
- D. The E911 database consist of data records provided by various service providers located within the BellSouth E911 service area. Each service provider, including the CMRS, are responsible for providing their data records for the BellSouth E911 database. These records must be present in the BellSouth E911 database 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 Mobile Directory Number (MDN) of the caller when initially inserted into the database. The MDN information is populated dynamically in the BellSouth E911 database during the call processing. Information for providing data for the BellSouth E911 database may be found in the BellSouth E911 Wireless Carrier Guide available from BellSouth Interconnection Services.
- E. The BellSouth E911 System and ALI computers support different application level protocols for accepting Phase 1 CMRS E911 real-time updates. CMRSs wishing to use one of the supported interfaces must ensure compatibility with the solution provider as well as BellSouth's contracted vendor managing the ALI database. The BellSouth supported solutions are listed in TR 73610. Detailed application level specifications for these solutions are available directly from each of the respective manufacturer.

A35.5.2 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 A35.5.5 following shall apply for connection of service or rearrangement. (T)

A35. INTERCONNECTION OF MOBILE SERVICES

A35.5 Connection of Commercial Mobile Radio Service Providers to E911 Services (Cont'd)

A35.5.2 General (Cont'd)

- 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)

A35.5.3 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's 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.
- 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 telephone numbers will then be passed to the Company 911 tandem as an ANI signal.
- 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 MDN or call-back number 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)

A35.5.4 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.

A35.5.5 Rates and Charges

- A. BellSouth CMRS E911 Direct Routing
 - 1. E911 tandem connected

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