

BELLSOUTH
 TELECOMMUNICATIONS, INC.
 SOUTH CAROLINA
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 BY: President - South Carolina
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GENERAL SUBSCRIBER SERVICE TARIFF

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A35. INTERCONNECTION OF MOBILE SERVICES

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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

A35.1 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 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 Tariff.
- B. Except as noted, services provided in this Section are subject to all general regulations applicable to the provision of service by the Company as stated in Section A2. of the General Exchange Guidebook.
- C. 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 Tariff 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 South Carolina Public Service Commission (to the extent that such certification is required) to provide switched local exchange service within the basic local calling area as defined in A3.6 of the General Exchange Guidebook 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 Tariff that are used for interconnection of the MSP's network to the Company's network in the same LATA.
- D. The services provided under this Tariff shall be used by the MSP in compliance with the terms and conditions of this Tariff and only for the handling of traffic in conjunction with the MSP's authorized services.
- E. 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.
- F. 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. BellSouth CMRS Local Loop Lines, one-way outward BellSouth CMRS Local Loop Trunks, and two-way BellSouth CMRS Local Loop 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.
 - 4. DS1 Service that has trunk groups with different Emergency Service Numbers (ESNs) must remain channelized and is considered a mixed service that requires the rates for less than twenty-four voice equivalent channels. When MSP originally orders DS1 Service as mixed service or as less than twenty-four voice equivalent channels, and MSP subsequently installs all 24 trunks with a single ESN, MSP is responsible for notifying the Company to convert the DS1 Service to a twenty-four voice equivalent channel. (N)
- G. 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 March 1, 1996 or in conjunction the application of Service Installation Guarantees to Private Line Guidebook, whichever is sooner, 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 Tariff.

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A35. INTERCONNECTION OF MOBILE SERVICES

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

A35.1.1 General (Cont'd)

G. 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. of the General Exchange Guidebook.
 - c. to Specialized Service or Arrangements or Individual Case Basis filings as set forth in Section A5. of the General Exchange Guidebook.
 - d. when alternate arrangements for SS7 signaling links are utilized.

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

H. 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. of the General Exchange Guidebook.
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 Tariff. 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 Tariff shall remain the property of the Company and shall be returned to the Company by the MSP upon reasonable request.
4. MegaLink service, MegaLink Light service, MegaLink channel service and SMARTRing service from Section B7. of the Private Line Guidebook, are used to rate certain portions of DS1 service offered under this Tariff. 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 SMARTRing service.
5. Directory listings for MSPs are provided in accordance with regulations and rates found in Section A6 of the General Exchange Guidebook.
6. Clients of the MSP may be provided directory listings as specified in A6.6.2 Business Additional Listing of the General Exchange Guidebook.
7. Charges for Directory Assistance, Directory Assistance/Directory Assistance Call Completion *and* Operator Assisted Local Calls as defined in Section A3. of the General Exchange Guidebook are applicable and will be individually itemized on the MSPs bill. (C)
8. Charges for Directory Assistance *and* Operator Assisted Calls as defined in Section A18. of the General Exchange Guidebook are applicable and will be individually itemized on the MSPs bill. (C)

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A35. INTERCONNECTION OF MOBILE SERVICES

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

A35.1.1 General (Cont'd)

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

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. of *the General Exchange Guidebook*. 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. of *the General Exchange Guidebook* 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. (T)
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 composite rate basis. However, the MSP may select only one type of usage plan in any particular LATA.

I. Usage Charges for Mobile Originated Traffic - Composite Rate

1. Usage charges apply to mobile originated calls, 1) terminating within the Basic Local Calling Area (BLCA) as defined in A3.6 of *the General Exchange Guidebook*, and 2) inter-BLCA/intraLATA calls terminating within the franchised serving area of the Company or Independent Telephone Companies. All calls will be billed at a single rate, as specified in A35.1.6.C.1. (T)

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

1. Usage charges apply to mobile originated calls, 1) terminating within the basic local calling area (BLCA) as defined in A3.6 of *the General Exchange Guidebook*, and 2) inter-BLCA/intraLATA call terminating within the franchise serving area of the Company or Independent Telephone Companies. Call terminating in the BLCA will be billed at the rate specified in A35.1.6.C.2.a. while calls terminating outside the BLCA will be billed at the rate specified in A35.1.6.C.2.b. (T)

K. 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 of *the General Exchange Guidebook*. Land line calls rated as local and within the basic Local Calling Area, as described in A3.6 of *the General Exchange Guidebook*, are not covered by this plan. The MSP will pay the charge set forth in A35.1.6.C.4. 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.

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A35. INTERCONNECTION OF MOBILE SERVICES

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

A35.1.1 General (Cont'd)

K. Optional Land-to-Mobile (LTM) Calling Plan (Cont'd)

3. 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 \$0.017 is applicable. That is, if the average charge per call for a billing period is less than \$0.017, the usage charge will be computed as if all calls were \$0.017.

L. Optional Selective Exchange LTM Calling Plan

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 of *the General Exchange Guidebook*. Land line calls rated as local and within the basic Local Calling Area, as described in A3.6 of *the General Exchange Guidebook*, are not covered by this plan. The MSP will pay the charges set forth in A35.1.6.C.5. 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 \$0.017 is also applicable.

M. 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 J.3. and K.3. preceding.
3. In cases where the Company cannot measure usage, the MSP will be required to provide usage monthly. The usage must 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.
4. 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.

N. 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.

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A35. INTERCONNECTION OF MOBILE SERVICES**A35.1 Interconnection Services for Mobile Service Providers (MSPs) (Cont'd)****A35.1.1 General (Cont'd)****N. Assignment of Numbers and NXX Codes (Cont'd)**

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.
5. When a new dedicated NXX is assigned, if the NXX will reside at the MSPs Point of Presence (POP), at least one number from that NXX must terminate in a milliwatt test line (Technical Reference: ANSI T1.207-1989), to be used for test purposes. When a dedicated NXX is assigned for BellSouth CMRS Type 1 service, and BellSouth CMRS Local Loop Trunks, then the NXX resides in the Company end office, in which case the Company will terminate a MSP selected number in a milliwatt test line.
6. The MSP will provide the Company with both the name of the desired designated exchange and the V&H coordinates for each dedicated NXX established with a BellSouth CMRS Type 2A/Type 2A-SS7 interconnection. If the desired designated exchange for the dedicated NXX is different than the exchange where the MSP's BellSouth CMRS Type 2A/Type 2A-SS7 interconnection exists, it is called a virtual designated exchange. A virtual designated exchange is only allowed when the chosen designated exchange meets the following criteria:
 - a. Is a company exchange
 - b. Is in the same LATA as MSPs point of interconnection
 - c. Is billed from the same Regional Accounting Office (RAO) as MSP's interconnection
 - d. Is an exchange name within the NPA's geographic area
 - e. Is in a different local calling area than the exchange where the MSP's interconnection exists.
7. The MSP may move an existing dedicated NXX that resides in a Company end office to the MSP's Point of Presence (POP) within the same LATA. A BellSouth CMRS Type 2A/Type 2A-SS7 interconnection must exist at the POP.

O. MSP Selective Class of Call Screening

1. MSP Selective Class of Call Screening (SCCS) is an optional service available with BellSouth CMRS Local Loop Lines, BellSouth CMRS Local Loop Trunks and BellSouth CMRS Type 1 Service.
2. MSP SCCS is offered with two options.

Option 1 - Provides 0+ and 0- screening capability to force alternate billing and provides central office blocking of 1+, 101XXXX 1+ and 900 calls. (T)

Option 2 - Provides 0+ and 0- screening capability to force alternate billing but allows 1+ and 101XXXX 1+ calls. 900 calls are blocked. (T)
3. Subscribing to MSP SCCS only relieves the MSP of responsibility for charges associated with intraLATA calls made by subscribers using the Company's toll services.
4. When option 2 is selected, the MSP assumes responsibility for all sent-paid intraLATA toll charges.
5. All local (7-digit dialed) calls and calls to Company numbers such as repair service, Directory Assistance and public emergency service numbers, such as 911, will be permitted.
6. MSP SCCS will be established only where operator identification is provided through the use of automated equipment arranged to furnish this service.
7. This service is available only from central offices which have been arranged to provide the service. The service is provided subject to the availability of facilities. This service is not compatible with all service offerings.

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A35. INTERCONNECTION OF MOBILE SERVICES

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

A35.1.1 General (Cont'd)

P. Miscellaneous Information - Type of Interconnection Service

1. Interconnection services are designated as BellSouth CMRS Local Loop Lines, BellSouth CMRS Local Loop Trunks, BellSouth CMRS Type 1 circuits, BellSouth CMRS Type 2A circuits, and BellSouth CMRS Type 2B circuits. Details of BellSouth CMRS Type 1, 2A, and 2B service types can be found in Bellcore documents, TR-NPL-000145, Compatibility Information for Interconnection of a CMC and a LEC Network, TR-EOP-000352, CMC Interconnection Transmission Plans, and TR-INS-000342, High Capacity Digital Special Access Parameter Limits and Interface Combinations and all superseding documents. Other pertinent reference material can be found in Bell System Publication 43303, Bell System Public Switched Telephone Service Interconnection Criteria for Domestic Public Land Mobile Service, Domestic Cellular Telecommunications Service and Maritime Radio Service, and Bell System Publication 61100, Description of the Analog Voiceband Interface between the Bell System Local Exchange Line and Terminal Equipment. The MSP shall comply with the technical specifications and call protocols, including Special Information Tones and user announcements, as set forth in these documents or revisions as approved by the Company and MSP.
2. The MSP shall provide a voice intercept announcement or distinctive tone signals to the calling party when a call is directed to a number that is not assigned by the carrier.
3. The MSP shall return answer supervision on all calls except those routed to certain recordings indicating network conditions.
4. BellSouth CMRS Local Loop Trunks, BellSouth CMRS Type 1, BellSouth CMRS Type 2A, and BellSouth CMRS Type 2B circuits may be optioned for one-way inward (to the MSP), one-way outward (from the MSP), or two-way signaling.
5. BellSouth CMRS Type 1, BellSouth CMRS Type 2A, and BellSouth CMRS Type 2B circuits are four-wire circuits using only multifrequency (MF) address pulsing with wink start operation and E&M supervision.
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.
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.

(T)

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 interLATA 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.

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A35. INTERCONNECTION OF MOBILE SERVICES**A35.1 Interconnection Services for Mobile Service Providers (MSPs) (Cont'd)****A35.1.3 BellSouth CMRS Type 1 Interconnection (Cont'd)**

- D. Rates and charges for *BellSouth CMRS* Type 1 interconnection consists of rate elements for a physical circuit between the MSPs 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, 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 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 MSPs point of termination. The MSP switch acts like an end office.
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. Because of technical limitations, mobile originated traffic over *BellSouth CMRS* Type 2A-SS7 service is limited to intraLATA terminations. However, interLATA as well as intraLATA originated traffic may terminate to the MSP's network over this service.
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 CCISMT service from A35. in order to connect the MSP's signaling network to the Company's signaling network, or the MSP may use an alternate arrangement 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. If an alternate arrangement for SS7 signaling links is utilized, Service Installation Guarantee is not applicable.

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.

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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)

- 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, 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.
- D. BellSouth CMRS Type 2C
 - 1. BellSouth CMRS Type 2C interconnection is a connection between a Company E911 tandem and the CMRS's point of termination. This type of connection provides a route to allow the CMRS's subscribers to place E911 calls.

A35.1.5 Circuit Direction Options

- A. BellSouth CMRS Local Loop Line Direction - Voice Grade Facilities
Not required.
- B. BellSouth CMRS Local Loop Trunk Direction - Voice Grade Facilities
See A35.1.6.A.2.
- C. BellSouth CMRS Type 1 and BellSouth CMRS Type 2 Circuit Direction - Voice Grade Facilities
 - 1. BellSouth CMRS Type 1

		Nonrecurring Charge	Monthly Rate	USOC	
	(a) Two-way	\$-	\$-	BSVBC	
	(b) One-way Inward (C.O. to MSP)	-	-	BSVB1	
	(c) One-way Outward (MSP to C.O.)	-	-	BSVBO	
2.	BellSouth CMRS Type 2A				
	(a) Two-way	-	-	BSVCC	
	(b) One-way Inward (C.O. to MSP)	-	-	BSVC1	
	(c) One-way Outward (MSP to C.O.)	-	-	BSVCO	
3.	BellSouth CMRS Type 2B				
	(a) Two-way	-	-	BSVEC	
	(b) One-way Inward (C.O. to MSP)	-	-	BSVE1	
	(c) One-way Outward (MSP to C.O.)	-	-	BSVE0	
4.	BellSouth CMRS Type 2C				
	(a) CAMA or Feature Group D (as defined in J-STD-034 and TIA/EIA, without the optional pause for <i>acknowledgement</i>)	1,630.00	-	MR9CC	(T)
	(b) SS7/ISUP (as defined in Telcordia GR-2956 Core, CCS/SS7 Generic Requirements in support of E9-1-1 Service)	1,630.00	-	MR9S7	(N)

- D. BellSouth CMRS Local Loop Line Direction - DS1 Service
See A35.1.6.B.3.
- E. BellSouth CMRS Local Loop Trunk Direction - DS1 Service
See A35.1.6.B.3.
- F. BellSouth CMRS Type 1 and BellSouth CMRS Type 2 Circuit Direction - DS1 Facilities
See A35.1.6.B.3.

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A35. INTERCONNECTION OF MOBILE SERVICES

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

A35.1.6 Rates and Charges

A. Voice Grade Service

1. BellSouth CMRS Local Loop Line

- (a) Measured, without rotary
- (b) Measured, with rotary

2. BellSouth CMRS Local Loop Trunk (two-wire)

a. One-way outward and two-way¹

(1) Local loop without rotary

- (a) Local loop without rotary

Note 1: May be optioned for either loop or ground start operation.

Nonrecurring Charge	Monthly Rate	USOC LCVXN	(M)
\$-	\$22.00	LCVXN	(M)
-	29.00	LCVXR	(M)
			(M)
			(M)
-	32.50	OPL2N	(M)

Material appearing on this page previously appeared on page(s) 1.7 of this section.

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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)

2. *BellSouth CMRS Local Loop Trunk* (two-wire) (Cont'd) (T)

a. One-way outward and two-way¹ (Cont'd)

(1) Local loop without rotary (Cont'd)

(b) One-way outward (MSP to C.O.)

(2) Local loop with rotary

(a) Two-way

b. One-way inward^{2,3} (includes rotary)

(1) Local loop

(a) Each

(2) Trunk termination

(a) Direct Inward Dialing⁴ (C.O. to MSP)

(3) Optional address pulsing for use with Direct Inward Dialing trunk termination

(a) Dual tone multifrequency (DTMF)

(b) Multifrequency (MF)

3. *BellSouth CMRS Type 1 or BellSouth CMRS Type 2* circuits (four-wire) (T)

a. Facilities

(1) Local loop⁵

(a) Local loop, 1st

(b) Local loop, each additional⁶

(2) Signaling

(a) E&M (per loop)

(3) C.O. Equipment termination

(a) Trunk termination (per loop)

4. Interoffice channels^{7,8}

(a) 0 thru 8 miles, fixed charge (per channel)

(b) 0 thru 8 miles, per airline mile or fraction thereof

(c) 9 thru 25 miles, fixed charge (per channel)

Note 1: May be optioned for either loop or ground start operation.

Note 2: Uses reverse battery supervision. May be optioned for either wink start or immediate start operation.

Note 3: This service provides outpulsing of digits from the central office toward the MSP (direct inward dialing service).

Note 4: Uses dial pulse address pulsing.

Note 5: A local loop extends from the carrier location to the serving wire center.

Note 6: Each additional loop from the carrier location to the same wire center.

Note 7: 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 8: Only one mileage band applies per interoffice channel.

	Nonrecurring Charge	Monthly Rate	USOC
(b) One-way outward (MSP to C.O.)	\$-	\$32.50	OPLON
(a) Two-way	-	39.50	OPL2R
(a) Each	-	39.50	OPL1R
(a) Direct Inward Dialing ⁴ (C.O. to MSP)	90.00	30.00	RDZ
(a) Dual tone multifrequency (DTMF)	-	0.00	S5D
(b) Multifrequency (MF)	-	0.00	S5M
(a) Local loop, 1st	370.00	45.00	BSVVG
(b) Local loop, each additional ⁶	130.00	45.00	BSVVG
(a) E&M (per loop)	43.00	10.00	BSVEM
(a) Trunk termination (per loop)	90.00	30.00	BSVTP
(a) 0 thru 8 miles, fixed charge (per channel)	105.00	50.00	BSVEN
(b) 0 thru 8 miles, per airline mile or fraction thereof	-	2.05	BSVEN
(c) 9 thru 25 miles, fixed charge (per channel)	105.00	50.00	BSVEN

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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
(d) 9 thru 25 miles, per airline mile or fraction thereof	\$-	\$2.00	BSVEN
(e) Over 25 miles, fixed charge (per channel)	105.00	50.00	BSVEN
(f) Over 25 miles, per airline mile or fraction thereof	-	1.95	BSVEN

B. DS1 Service³

1. Twenty-four (24) Voice Equivalent Channels

a. Facilities⁴

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

b. Trunk termination

(1) At the Company switch

(a) Analog or Digital Company switch

90.00	150.00	UTQ
-------	--------	-----

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

a. Facilities⁴

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

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.

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, BellSouth CMRS Type 2B *and* BellSouth CMRS Type 2C circuits. A voice grade trunk termination applies for each channel activated.

(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 or MegaLink Light service is used to provide interconnection facilities, all rates and charges from the Private Line Guidebook (PLGB), in B7.1.3 apply.

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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)

c. Voice grade trunk terminations (Cont'd)

(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	\$30.00	RTBAX
(b) DID trunk termination equipped for dual tone multifrequency (DTMF) address pulsing	90.00	30.00	RTBBX
(c) DID trunk termination equipped for multifrequency (MF) address pulsing	90.00	30.00	RTBCX

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

(a) Per voice equivalent channel activated	90.00	30.00	BSVTP
--	-------	-------	-------

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

(4) BellSouth CMRS Local Loop Trunks

(a) Two-way	-	5.00	CAR2T
(b) One-way Inward (C.O. to MSP)	-	5.00	CAR1T
(c) One-way Outward (MSP to C.O.)	-	5.00	CAROT

(5) BellSouth CMRS Local Loop Lines

(a) Two-way	-	5.00	CAR2L
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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.

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A35. INTERCONNECTION OF MOBILE SERVICES

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

A35.1.6 Rates and Charges (Cont'd)

C. Usage Rates

1. The following usage rate applies to mobile originated calls as defined in A35.1.1.I. preceding.
 - a. Calls terminating within the LATA
 - (1) BellSouth CMRS Type 1, BellSouth CMRS Type 2A, BellSouth CMRS Local Loop Lines, BellSouth CMRS Local Loop Trunks

	Rate Per Minute Of Use	USOC	
(a) Mobile originated	\$.03000	NA	
2. The following usage rates apply to mobile originated calls as defined in A35.1.1.J. preceding.
 - a. Calls terminating within the Basic Local Calling Area
 - (1) BellSouth CMRS Type 1, BellSouth CMRS Type 2A, BellSouth CMRS Local Loop Lines and BellSouth CMRS Local Loop Trunks

	.02536	NA	
(a) Mobile originated			
 - b. IntraLATA calls terminating outside the Basic Local Calling Area
 - (1) BellSouth CMRS Type 1, BellSouth CMRS Type 2A, BellSouth CMRS Local Loop Lines and BellSouth CMRS Local Loop Trunks

	.07358	NA	
(a) Mobile originated			
3. The following usage rates applies to mobile originated calls for type 2B circuits.
 - (a) BellSouth CMRS Type 2B Mobile originated

	.01832	NA	
--	---------------	-----------	--
4. The optional Land-to-Mobile (LTM) calling plan is offered at the following rates.
 - a. Usage rates
 - (1) Point of interconnection within Company territory
 - (a) LTM Option - Point of Interconnection within Company territory

	.035	NA	(R)
--	-------------	-----------	------------
 - (b) LTM Option - Point of Interconnection within Independent Company territory

	.035	NA	(R)
--	-------------	-----------	------------
 - b. Nonrecurring charge
 - (1) per LATA

	Nonrecurring Charge	USOC	
(a) Charleston LATA	\$875.00	MTVCH	
(b) Columbia LATA	4,430.00	MTVCO	
(c) Florence LATA	340.00	MTVFL	
(d) Greenville LATA	3,000.00	MTVGR	
5. The optional Selective Exchange LTM calling plan is offered at the following rates.

	Nonrecurring Charge	Rate Per Minute of Use	USOC	
(a) Selective Exchange LTM, per central office switch translation	\$230.00	\$-	MTUSE	
(b) Selective Exchange LTM	-	.035	NA	(R)

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A35. INTERCONNECTION OF MOBILE SERVICES

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

A35.1.6 Rates and Charges (Cont'd)

D. NXX Establishment Charge

1. The following charge applies to the establishment of a dedicated NXX or the subsequent movement of that NXX as the result of a MSPs request, if trunk routing tables must be revised.

	Nonrecurring Charge	Monthly Rate	USOC BSVAA
(a) Per NXX established	-	-	

E. Number assignments

1. The following charges apply to the assignment of telephone numbers for inward dialing using BellSouth CMRS Type 1 circuits or BellSouth CMRS Local Loop Trunks.
 - (a) Per group of 100 numbers,¹ shared NXX (T)

	-	0.03	BSV1A
--	---	------	-------
 - (b) Per group of 20 numbers,¹ shared NXX

	-	0.006	NDX
--	---	-------	-----
 - (c) Per group of 1000 numbers activated in a dedicated NXX

	-	0.30	NADAA
--	---	------	-------
 - (d) Per group of 100 numbers activated in a dedicated NXX

	-	0.03	B10
--	---	------	-----
 - (e) Per group of 100 numbers activated in a dedicated NXX with a scope of less than 100 numbers

	-	0.03	B12
--	---	------	-----

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

1. The following charges provide for the establishment of an intraLATA 800 Service with Direct Inward Dialing (DID) capability on 800 Service Access Trunks using ten digit screening. This arrangement will also allow interLATA 800 calls to be completed by subscription to the services of a properly certificated Interexchange Carrier utilizing the Company provided screening.
 - (a) 800 Service Access Trunk,² voice grade (T)

	-	-	LWZSQ
--	---	---	-------
 - (b) 800 Service Access Trunk,³ on High Capacity (a.k.a. BellSouth High Capacity) facilities (T)

	-	-	WHMS+
--	---	---	-------

- 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.
- Note 2:** 800 Service Access Trunk rate for voice grade is the same as the 800 Service Access Line rate displayed in Section *A119 of the General Exchange Guidebook*. (USOC: for RCC application LWZSQ is equivalent to WSA1X). (T)
- Note 3:** 800 Service Access Trunk rate for use on High Capacity (a.k.a. BellSouth High Capacity) facilities is the same as the 800 Service Access Line on High Capacity (a.k.a. BellSouth High Capacity) facilities rate found in Section *A119 of the General Exchange Guidebook*. (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. (T)

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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
(c) 800 Service Network Usage ¹	\$-	\$-	NA
(d) 800 Service DID trunk terminations ^{2,3}	90.00	30.00	NDW
(e) Establish trunk group and provide first group of 100 numbers from an 800 code assigned for RCC Services ⁴	300.00	1.00	T9B
(f) Each additional group of 100 numbers from an 800 code assigned for RCC services ⁴	200.00	1.00	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 ⁵	\$3.10	SRGM1
(b) Option 2, per BellSouth CMRS Local Loop Line, BellSouth CMRS Local Loop Trunk, or BellSouth CMRS Type 1 trunk equipped ⁵	3.10	SRGM2

A35.2 (DELETED)⁶

- Note 1:** Rates and charges for the 800 Service usage as specified in Section *A119. of the General Exchange Guidebook* apply. (T)
- Note 2:** The subscriber to this DID 800 Service will be required to maintain an adequate number of trunks (transmission paths) as determined by the Company in order to provide quality grade of service and prevent network degradation.
- Note 3:** Each additional loop from the carrier location to the same wire center.
- Note 4:** Numbers provided at this rate are sequential within a number group.
- Note 5:** 800 Service Access Trunk rate for voice grade is the same as the 800 Service Access Line rate displayed in Section *A119 of the General Exchange Guidebook*. (USOC: for RCC application LWZSQ is equivalent to WSA1X). (T)
- Note 6:** 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.

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A35. INTERCONNECTION OF MOBILE SERVICES

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(D)

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.

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A35. INTERCONNECTION OF MOBILE SERVICES

A35.2 (DELETED)¹ (Cont'd)

(D)

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.

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A35. INTERCONNECTION OF MOBILE SERVICES

A35.2 (DELETED)¹ (Cont'd)

(D)

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.

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A35. INTERCONNECTION OF MOBILE SERVICES

A35.2 (DELETED)¹ (Cont'd)

(D)

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.

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A35. INTERCONNECTION OF MOBILE SERVICES**A35.2 (DELETED)¹ (Cont'd)**

(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 assistance services.

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.

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A35. INTERCONNECTION OF MOBILE SERVICES

A35.3 Operator Services Interconnection (Cont'd)

A35.3.1 Service Description (Cont'd)

- 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 of *the General Exchange Guidebook*. (T)

A35.3.2 General

- A. Operator Services Interconnection (OSI) is provided by the Company where facilities and operating conditions permit.
- B. Except as noted, services provided in this sub-section are subject to all general regulations applicable to the provisioning of service by the Company as stated in Section A2. of *the General Exchange Guidebook*. (T)

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A35. INTERCONNECTION OF MOBILE SERVICES

A35.3 Operator Services Interconnection (Cont'd)

A35.3.2 General (Cont'd)

- C. The appropriate service charges in Section A4. of the *General Exchange Guidebook* 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. (T)
- 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. of the *General Exchange Guidebook*. (T)
- E. The services provided under this Tariff shall be used by the MSP only for the handling of traffic originating on the MSP's network in conjunction with its authorized services.
- F. Billing disputes must be communicated to the Company in writing as soon as possible. The Company will make every effort to investigate such disputes and reconcile any differences within thirty days from receipt of such notification. If the billing amount is found to be correct, a late payment charge may be applicable, per Section A2. of the *General Exchange Guidebook*. (T)
- G. The conditions and rates specified in other *guidebooks*/tariffs 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 A3.16.5.B.1. preceding of the *General Exchange Guidebook*, apply to DACC calls completed over this interconnection. The rating for these mobile originated calls will be based on the screening telephone number in all cases. (T)

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

- A. The MSP's switch must be capable of using Operator Services System signaling as described in Bellcore document TR-TSY-000506.
- B. A screening number must be provided by the MSP for Operator Service Interconnection. The chosen telephone number can then only be used in the provisioning of this service. The MSP may use a telephone number from an existing dedicated NXX.

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 Company's serving wire center, a trunk termination rate for terminating equipment located at the TOPS switch, and twenty four (24) Control Access Registers. 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 SMARTRing service, from Section B7. of the Private Line *Guidebook*, is used to rate the facilities used for Operator Services Interconnection. LightGate service (a.k.a. BellSouth SPA Point to Point Network) or SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) from F.C.C. No. 1 Tariff, Section 7, may also be used. The terms and conditions which apply for those services apply here, including the application of any service establishment charges. (T)

A35.3.5 Rates and Charges

- A. Facilities
 - 1. The following facility rates apply:
 - a. Rates for a digital private line service (MegaLink service, MegaLink Light service or SMARTRing service), as provided in Section B7. of the Private Line *Guidebook*, apply from the customer premises to the Company serving wire center. LightGate service (a.k.a. BellSouth SPA Point to Point Network) or SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) from F.C.C. No. 1 Tariff, Section 7, may also be used. (T)

- B. Equipment Termination
 - 1. Trunk Termination, per DS1

	Nonrecurring Charge	Monthly Rate	USOC OSNET
(a) At Company TOPS Tandem Switch	\$90.00	\$130.00	

- C. Network Access Service (M)
 - 1. Control Access Register (M)

	Nonrecurring Charge	Monthly Rate	USOC OSNCA
(a) Per voice grade equivalent Channel (24 required) ¹	\$-	\$5.00	(M)

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A35. INTERCONNECTION OF MOBILE SERVICES

(M)

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

A35.4.1 Service Description

- A. This service provides connection between a CMRS providers network and the Company's Universal Emergency Number Service - 911 (hereafter referred to as "911 service") network. This service is used by the CMRS provider exclusively to route calls from the CMRS's customers trying to access emergency 911 service. Three service arrangements are available;
1. The Feature Group D Interconnection will allow the CMRS provider to pass wireless 911 calls to the 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 tariff.
 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 tariff.
- B. The Company's 911 tandem switch will receive an 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*, 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. *The Company* 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 *Company* data centers in different states to provide diversity. PSAP bids, or request, for ALI are sent over both data links simultaneously. The mated ALI computers contain mirrored databases at each location and alternate responding to the PSAP. In the event a data circuit or an ALI computer is unavailable, the system is designed to provide continuous service from the other ALI computer in the paired arrangement. (T)
- D. The E911 database consists of data records provided by various service providers located within the 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 selective routing and for the Real-Time Data Interface to function properly. CMRS records in the E911 database contain static cell site sector location information that will assist the PSAP in determining the general location of the 911 caller. These static records do not contain the call back number (CBN) or the longitude/latitude of the caller's location when initially inserted into the database. The CBN and longitude/latitude information is populated dynamically in the 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 and Phase 2 CMRS E911 real-time updates. CMRSs wishing to use one of the supported interfaces must ensure compatibility with the solution provider as well as BellSouth's contracted vendor managing the ALI database. The BellSouth supported solutions are listed in Technical Reference document TR 73610. Detailed application level specifications for these solutions are available directly from each of the respective manufacturer. (M1)

Note 1: The CAR rate will automatically decrease to \$5.00 on 01-01-97. No further tariff change will be required to effect this change.

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A35. INTERCONNECTION OF MOBILE SERVICES

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

(M)

A35.4.2 General

- A. This service is furnished to the CMRSs only for the purposes of reporting emergencies by the CMRS's subscriber.
- B. This service is offered solely as an aid in handling calls in connection with fire, police and other emergencies and does not create any relationship or obligation, direct or indirect, to any person other than the CMRS subscribing to the service.
- C. The Company does not undertake to answer and forward 911 calls, but furnishes the use of its facilities to enable the CMRS to direct calls to the appropriate PSAP in locations where government authorities or their authorized agents have subscribed to 911 service.
- D. Except as noted, services provided in this sub-section are subject to all general regulations applicable to the provisioning of service by the Company as stated in Section A2. of *the General Exchange Guidebook*. (T)
- E. The appropriate service charges in Section A4. of *the General Exchange Guidebook* 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)
- 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. of *the General Exchange Guidebook*. (T)
- G. The conditions and rates specified in other *guidebooks/tariffs* for services which may be associated with this service are in addition to those specified herein. (T)
- H. The Company is not responsible for the location determination technology, the accuracy of the location determination technology, or the investigation or maintenance of said technologies. Only the data required and specified by the FCC in its Report and Order 94-102 will be delivered by the Company to the PSAP and only when said data has been provided by the CMRS. This required data includes the cell site or sector location, the callback number, and the longitude/latitude of the caller. The CMRS agrees that delivery, or lack of delivery, of additional data elements which may be provided by the CMRS will not be the responsibility of the Company and the Company assumes no responsibility or liability for such information

A35.4.3 Obligations of the CMRS

- A. It is the sole responsibility of the CMRS to subscribe to a sufficient number of channels to handle the 911 emergency calls from the CMRS' customers. The quantity should be determined based on achieving parity with wireline E911 calls by providing a P.01 grade of service.
- B. The CMRS will work with the government authorities who subscribe to 911 service and with the Company or any other provider of 911 service to populate any associated database which is used to provide Enhanced Universal Emergency Number (911) service or equivalent.
- 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 call-back number and longitude/latitude of the CMRS caller as described under Service Description.
- E. For the CAMA service arrangement described under Service Description, it is the CMRS's responsibility to obtain the data circuits to Real-Time ALI Data Interface. *The Company* can provide intraLATA transport, however, if the circuits are interLATA the CMRS must arrange to transport the circuit across the LATA boundary. (T)
- F. The CMRS must have obtained an E2 interface to the Company E911 databases that complies with Technical Reference TR 73610. This interface will be used by the CMRS to provide real-time updates for Phase 1 and/or Phase 2 information. (T)
- G. The CMRS must provide the Company information about the E2 interface including type of connections, IP addresses, MPC identifiers, and P-ANI ranges necessary to properly establish the E2 interface to the Company E911 databases. (M1)
- H. The CMRS must have Position Determining Entity (PDE) and a Mobile Position Center (MPC) in their network to provide Phase 2 location information. (M1)

Material previously appearing on this page now appears on page(s) 6 of this section.

M1 Material appearing on this page previously appeared on page(s) 8 of this section.

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

(M)

A35.4.4 Application of Rates

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

A35.4.5 Rates and Charges

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

	Nonrecurring Charge	Monthly Rate	USOC MR9PC
(1) Per E911 tandem connected	\$15,576.00	\$1,504.00	