BELLSOUTH TELECOMMUNICATIONS, INC. LOUISIANA

GENERAL SUBSCRIBER SERVICES TARIFF

Ninth Revised Page 1 Cancels Eighth Revised Page 1

EFFECTIVE: February 10, 2002

ISSUED: January 10, 2002 BY: President - Louisiana New Orleans, Louisiana

# A35. INTERCONNECTION OF MOBILE SERVICES

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CCS7 Signaling Terminations and CCS7 Access Arrangement Usage.

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TELECOMMUNICATIONS
LOUISIANA
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#### 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 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 this Tariff.
- C. The services provided under this Tariff shall be used by the MSP only for the handling of traffic originating or terminating on the MSPs network in conjunction with its authorized services.
- **D.** The services provided by the Company shall not be connected together by the MSP, except on an ancillary basis such as call forwarding, for the purpose of completing a call from one landline telephone to another landline telephone.

#### E. DS1 Service

- 1. The price for a digital trunk termination used in providing DS1 service for twenty-four voice equivalent channel increments contemplates the termination of all twenty-four channels at the same Company switch and at the same physical location at the Company switch. When the mixing of services on the same DS1 does not meet these requirements, the rates and charges for less than twenty-four voice equivalent channels are applicable.
- 2. The mixing of "line side" and "trunk side" services on the same DS1 is considered to be terminating service at two different physical locations at the Company switch 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.

#### F. Service Installation Guarantee

- 1. The Company assures that orders for services will be installed and available for customer use no later than the end of normal business hours on the Service Date which is the negotiated date that service is to be made available to the MSP. This Service Installation Guarantee will be in effect for Service Dates negotiated on or after June 28, 1996 and is applicable only to services specified in A35.1 and A35.3.
- 2. The failure of the Company to meet this commitment will result in the credit of an amount equal to the nonrecurring charges associated with the individual service having the missed Service Date being applied to the MSP's bill. The credit will include only nonrecurring charges associated with the services rated in A35.1 and A35.3 for which nonrecurring charges are applicable and listed. The nonrecurring charges will be credited at the rate at which they were billed. The credit will not be provided if a credit of the same nonrecurring charge for the same service is provided under any other provisions of this Tariff.
- 3. For Service Installation Guarantee to apply to the establishment of a dedicated 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 dedicated NXX.

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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)

- F. Service Installation Guarantee(Cont'd)
  - 4. Service Installation Guarantees do not apply:
    - a. when failure to meet the Service Date occurs because of:
      - 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.
      - 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.
    - c. to Specialized Service or Arrangements or Individual Case Basis filings as set forth in Section A5.
    - d. when alternate arrangements for SS7 signaling links are utilized.

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

- G. Other Associated Terms, Rates and Conditions
  - 1. These services are offered at the rates specified herein from central offices where necessary service options are available. 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 this Tariff.
  - 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, SMARTRing service and LightGate service from Section B7. of the Private Line Guidebook, are used to rate certain portions of DS1 service offered under this offering. 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.
  - 5. Directory listings for MSPs are provided in accordance with regulations and rates normally provided to regular business subscribers.
  - 6. Clients of the MSP may be provided directory listings as specified for Business Additional Listings.
  - 7. Charges for Operator Assisted Local Calls are applicable and will be individually itemized on the MSPs bill.
  - 8. (DELETED)
  - 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 this Tariff. 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.

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LOUISIANA

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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. Other Associated Terms, Rates and Conditions (Cont'd)
  - 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. If the billing amount is found to be correct, a late payment charge may be applicable provided, however, that the late payment charge shall be 1.785 percent.
  - 12. For voice grade service, the local loop, signaling, and interoffice channel rates and charges are the same as found in the Private Line Guidebook, Section B3, for a Type 2432 private line. Changes in rates and charges found in Section B3. will be deemed to be effective in this offering coincident with the effective date of Section B3.
  - 13. 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 customer premises.
- Usage Charges for Mobile Originating Traffic Local and Toll
  - 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 Louisiana are also covered by this Tariff.
  - 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.
  - 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 rates shown in this offering prior to January 1, 1999. 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 Services Tariff. Any changes in the aforementioned rate elements will be deemed to be effective in this offering coincident with the effective date of the intrastate switched access tariff.
- Usage Charges for Mobile Originated Traffic LATA-wide
  - 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 Louisiana are also covered by this Tariff.
  - 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.

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LOUISIANA
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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)

- I. Usage Charges for Mobile Originated Traffic LATA-wide (Cont'd)
  - 3. The usage rate for mobile originated calls terminating within the LATA will be based on a traffic mix of 60% terminating within the Basic Local Calling Area (BLCA) and 40% terminating outside the BLCA. The usage rate will be developed using the List C usage rate 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.
- J. 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 this Tariff. Land line calls rated as local and within the basic Local Calling Area, as described in A3.6 of this Tariff, are not covered by this plan. The MSP will pay the charge set forth in A35.1.5.C.3. of this Tariff in lieu of charges which would have been applicable to the originating user.
  - 2. The LTM calling plan is LATA wide and requires that an 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)

- J. Optional Land-to-Mobile (LTM) Calling Plan (Cont'd)
  - 3. The LTM usage rate will be the sum of the intrastate switched access rates for Carrier Common Line (originating), local switching and local transport for the 16-25 mile band, referenced to the Company's Access Services Tariff, multiplied by a factor of 1.119. The factor of 1.119 was developed to account for the difference between originating access minutes, for which the aforementioned rate elements were developed, and call holding time (time between answer and disconnect) which is billed in this Tariff. Any changes in the aforementioned rate elements will be deemed to be effective in this Tariff coincident with the effective date of the intrastate switched access tariff.
  - 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 average time requirement (MATR) of twenty-four seconds is applicable. That is, if the average time per call for a billing period is less than twenty-four seconds, the usage will be computed as if all calls were twenty-four seconds is length.
- K. 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 this Tariff. Land line calls rated as local and within the basic Local Calling Area, as described in A3.6 of this Tariff, are not covered by this plan. The MSP will pay the charges set forth in A35.1.5.C.4. of this Tariff in lieu of charges which would have been applicable to the originating user.
  - 2. This plan is provided on an exchange-by-exchange basis 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. An MATR of twenty-four seconds is also applicable.
- L. Usage Charges Miscellaneous
  - 1. When the Company relies on usage data supplied by the MSP to prepare and render a bill to the MSP, the Company has a right to audit as follows:
    - a. The audit will be initiated by a written request from the Company and will be completed within a reasonable time. The Company and MSP shall respond promptly to requests generated during the audit to insure timely completion of the audit.
    - b. The audit will be performed by an independent auditor, using procedures generally accepted in the accounting profession for the purpose of issuing an audit report. The audit will be conducted by an independent auditor under contract to the Company, unless the MSP notifies the Company within ten days of receipt of the written request for the audit that MSP has chosen an independent auditor. The auditor selected by the MSP shall use procedures generally accepted in the accounting profession for the purpose of issuing an audit report and shall provide to the Company a report with supporting documentation equivalent to that which would be provided by the Company's auditor. Whichever party chooses the auditor will pay the expenses thereof.

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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)

- L. Usage Charges Miscellaneous (Cont'd)
  - 1. (Cont'd)
    - c. The audit shall be conducted no more frequently than once a calendar year, and shall cover a test period consisting of three out of the preceding twelve months.
    - d. The MSPs materials reviewed by the Company in the course of an audit will be deemed confidential and their use by the Company will be limited to the conduct of the audit. No audit will be conducted until a confidentiality agreement is executed between the MSP and the auditor, and between the MSP and the Company. The MSP shall not unreasonably withhold its approval of the form of the confidentiality agreement.
    - e. Audit results will be furnished to the MSP and/or the Company via certified U.S. mail. The MSP or the Company may contest the audit results by written notice within fifteen (15) calendar days from receipt thereof. Contested audits will be resolved by a neutral arbitrator mutually agreed upon by the Company and the MSP with the losing party paying the expenses thereof. The arbitration hearing will be conducted in Louisiana at a time and location that is mutually agreed upon by both parties. The arbitration proceeding shall be governed by the law (both statutory and case) of Louisiana, including, but not limited to, the Louisiana Arbitration Law.
    - f. The Company will credit or debit the MSPs interconnection bill based on the test period adjusted to cover the period for up to twelve months preceding the audit, based on an annualization of the average usage for the test period; provided, however, that the MSP may arrange for an audit at its expense of the months other than the three used for the test period and adjustments will be based on the actual audited monthly figures. Any payments required from such adjustments are due within sixty days of receipt of a written claim.

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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)

- L. Usage Charges Miscellaneous (Cont'd)
  - 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. An MATR is applicable for optional LTM and optional Selective Exchange LTM as specified in I.4. and J.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) calender 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 2.1 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.

In cases where neither the Company nor the MSP can measure, an assumed number of 2,286 messages per trunk per month at 2.1 minutes per message will be used for billing purposes.

#### M. 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. Such notice to the MSP will be provided not less than twelve months 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.

For a trial period of twelve months beginning with the effective date of this Tariff, the assignment of NXX codes to MSPs for use in conjunction with new services provided by MSPs will not be based on utilization levels of previously allocated numbers. Within fourteen days of the receipt of a request, the Company will notify the MSP of the availability of the NXX code, and, if the code is available, the Company will identify the code that will be assigned. Within thirty days of the receipt of a request, appropriate notification will be made to Bellcore by the Company pursuant to industry standards.

- 4. The MSP may order less than a full NXX code for *BellSouth CMRS* Type 1 interconnection and *BellSouth CMRS Local Loop Trunks*.
- 5. 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/*BellSouth CMRS* Type 2A-SS7 interconnection. If the desired designated exchange for the dedicated NXX is different than the exchange where the *BellSouth CMRS* Type 2A/*BellSouth CMRS* 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 the MSP's point of interconnection.
  - c. Is billed from the same Regional Accounting Office (RAO) as the MSP's interconnection.
  - d. Is located within the NPA's georaphic area.
  - e. Is in a different local calling area than the exchange where the MSP's interconnection exists.

Once ordered, the chosen designated exchange cannot be changed for six months after implementation.

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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)

- M. Assignment of Numbers and NXX Codes (Cont'd)
  - 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/BellSouth CMRS Type 2A-SS7 interconnection must
  - 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.

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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. 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.
    - Option 2 Provides 0+ and 0- screening capability to force alternate billing but allows 1+, and 101XXXX 1+ calls. 900 calls are blocked.
  - 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.
- **O.** Miscellaneous Information Type of Interconnection Service
  - Interconnection services are designated a 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
  - 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.).

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Baton Rouge, Louisiana

# A35. INTERCONNECTION OF MOBILE SERVICES

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

#### A35.1.1 General (Cont'd)

- O. Miscellaneous Information Type of Interconnection Service (Cont'd)
  - 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.
- P. Interconnection Services for Mobile Service Providers (MSPs) is available for resale, at no discount.

#### 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.
- 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
- C. Call Screening and Restriction Services Customized Code Restriction 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.
- BellSouth CMRS Local Loop Lines and BellSouth CMRS Local Loop Trunks will provide local (7 digit) dialing for outgoing traffic from the home wire center to all wire centers within the calling area specified in A3.2.9 of this Tariff in addition to the existing local calling area as described in A3.6.

#### A35.1.3 BellSouth CMRS Type 1 Interconnection

- A BellSouth CMRS Type 1 interconnection is a connection between a Company end office and an MSPs 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).
- 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.
- Call Screening and Restriction Services Customized Call Restriction is an optional service available with BellSouth CMRS Type 1 Service, subject to the availability of suitably equipped central offices.
- 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, 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 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.

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Fifth Revised Page 6 Cancels Fourth Revised Page 6

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**BELLSOUTH** TELECOMMUNICATIONS, INC. LOUISIANA ISSUED: December 6, 1996 BY: President - Louisiana

New Orleans, Louisiana

#### A35. INTERCONNECTION OF MOBILE SERVICES

# A35.1

	_	Add. INTERCONNECTION OF MODILE DERVICES	
<b>\35.1</b>	Inte	erconnection Services for Mobile Service Providers (MSPs) (Cont'd)	
A35.	1.4 B	ellSouth CMRS Type 2 Interconnection	(T)
A.	Bell	South CMRS Type 2A	(T)
	1.	A <i>BellSouth CMRS</i> 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.	(T)
	2.	<b>BellSouth CMRS</b> 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.	(T)
	3.	An MSP may utilize either Feature Group C (FGC) or FGD end office to tandem signaling protocol, but not both on a single trunk group, for a <i>BellSouth CMRS</i> Type 2A interconnection. An MSP using FGD protocols can establish connections to valid NXX codes in the LATA, to Service Access Codes (700, 800, 900), and to IC's and INC's. An MSP using FGC protocols can establish connections to valid NXX codes in the LATA, to Service Access Codes (700, 800, 900), and to AT&T Communications (ATT-C). An MSP using FGC protocols does not have access to other IC's. Access to Operator Services (0-, 0+) or N11 codes is not permitted via <i>BellSouth CMRS</i> Type 2A interconnections.	(T)
	4.	If a <i>BellSouth CMRS</i> 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.	(T)
	5.	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.	(T) (T)
	6.	When <i>BellSouth CMRS</i> 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.	(T)
	7.	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. If an alternate arrangement for SS7 signaling links is utilized, Service Installation Guarantee is not applicable.	(T)
В.	Bell	South CMRS Type 2B	(T)
	1.	<b>BellSouth CMRS</b> 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.	(T)
	2.	If a <i>BellSouth CMRS</i> Type 2B interconnection is optioned for two-way or one-way inward (to the MSP), an NXX code	

# В.

- dedicated to the MSP switch is required.
- 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.

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LOUISIANA

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Nonrecurring Monthly

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New Orleans, Louisiana

#### 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)

- **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

				110m ccurring	Monthly
			Charge	Rate	USOC
	(a)	Two-way	<b>\$-</b>	<b>\$-</b>	BSVBC
	(b)	One-way Inward (C.O. to MSP)	-	-	BSVB1
	(c)	One-way Outward (MSP to C.O.)	-	-	BSVBO
2.	BellSouth CM	RS Type 2A			
	(a)	Two-way	-	-	BSVCC
	(b)	One-way Inward (C.O. to MSP)	-	-	BSVC1
	(c)	One-way Outward (MSP to C.O.)	-	-	BSVCO

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LOUISIANA

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# A35. INTERCONNECTION OF MOBILE SERVICES

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

# A35.1.5 Circuit Direction Options (Cont'd)

- C. BellSouth CMRS Type 1 and BellSouth CMRS Type 2 Circuit Direction Voice Grade Facilities (Cont'd)
  - 3. BellSouth CMRS Type 2B

			Nonrecurring	Monthly		
			Charge	Rate	USOC	
	(a)	Two-way	<b>\$-</b>	<b>\$-</b>	BSVEC	
	(b)	One-way Inward (C.O. to MSP)	-	-	BSVE1	
	(c)	One-way Outward (MSP to C.O.)	-	-	BSVEO	
4.	BellSouth CM	IRS				
	(a)	CAMA or Feature Group D (as defined in J-STD-034 and TIA/EIA, without the optional pause for acknowlwdgement)	1,630.00	-	MR9CC	
	(b)	SS7/ISUP (as defined in Telcordia GR-2956 Core, CCS/SS7 Generic Requirements in support of E9-1-1 Service	1,630.00	-	MR9S7	(N)
D 11	C 4 CMDC	L II I' D' ' DOLG '				

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.

#### A35.1.6 Rates and Charges

- A. Voice Grade Service
  - 1. BellSouth CMRS Local Loop Line with expanded 7-digit dialing

(a)	Measured, without rotary	-	26.00	LCVXN
(b)	Measured, with rotary	-	33.00	LCVXR

- 2. BellSouth CMRS Local Loop Trunk (two-wire)
  - a. One-way outward and two-way<sup>1</sup> with expanded 7-digit dialing
    - (1) Local loop without rotary

	(a) Two-way	-	34.00	OPL2N
	(b) One-way outward (MSP to C.O.)	-	34.00	OPLON
	(2) Local loop with rotary			
	(a) Two-way	-	44.00	OPL2R
b.	One-way inward <sup>2,3</sup> (includes rotary)			
	(1) Local loop			

(a)	Each	-	44.00	OPL1R
) Tru	nk termination			

(2) Trank termination

(a) Direct Inward Dialing<sup>4</sup> (C.O. to MSP) 52.25 27.17 RDZ

**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.

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New Orleans, Louisiana

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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)
    - b. One-way inward<sup>1,2</sup> (includes rotary) (Cont'd)
      - (3) Optional address pulsing for use with Direct Inward Dialing trunk termination

	(3)	Opt	ional addre	ess pulsing for use with Direct Inward Dialing trunk	termination		
					Nonrecurring Charge	Monthly Rate	USOC
		(a)	Dual ton	e multifrequency (DTMF)	<b>\$-</b>	\$7.50	S5D
		(b)		quency (MF)	-	7.50	S5M
3.	BellSou	th CN	<b>IRS</b> Type	1 or <i>BellSouth CMRS</i> Type 2 circuits (four-wire)			
	a. Fac	ilities					
	(1)	Loc	al loop <sup>3</sup>				
		(a)	Local lo	op, 1st	365.00	45.00	BSVVG
		(b)	Local lo	op, each additional <sup>4</sup>	155.00	45.00	BSVVG
	(2)	Sign	naling				
		(a)	E&M (p	er loop)	44.00	10.00	BSVEM
	(3)	C.O		nt termination			
		(a)	Trunk te	ermination (per loop)	29.00	41.45	BSVTP
4.	Interoff	ice ch	annels <sup>5,6</sup>	*			
		(a)	0 thru 8	miles, fixed charge (per channel)	98.00	30.00	BSVEN
		(b)	0 thru 8	miles, per airline mile or fraction thereof	-	2.05	BSVEN
		(c)	9 thru 25	5 miles, fixed charge (per channel)	98.00	30.00	BSVEN
		(d)	9 thru 25	5 miles, per airline mile or fraction thereof	-	2.00	BSVEN
		(e)	Over 25	miles, fixed charge (per channel)	98.00	30.00	BSVEN
		(f)	Over 25	miles, per airline mile or fraction thereof	-	1.95	BSVEN
			Note 1:	Uses reverse battery supervision. May be option operation.	ed for either wink	start or immed	liate start
			Note 2:	This service provides outpulsing of digits from inward dialing service).	the central office	toward the MS	SP (direct
			Note 3:	A local loop extends from the carrier location to the	ne serving wire cent	ter.	
			Note 4:	Each additional loop from the carrier location to the	ne same wire center	r <b>.</b>	
			Note 5:	Interoffice channels are required when the carrier is not the normal serving wire center for the carrie		on to a wire cen	ter which
			Note 6:	Only one mileage band applies per interoffice char	nnel.		

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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 Service<sup>1</sup>
  - Twenty-four (24) Voice Equivalent Channels
    - a. Facilities<sup>2</sup>
      - (1) Facilities are provided at the rates specified for MegaLink service, MegaLink Light service, SMARTRing as described following or LightGate service, contained in B7. of the Private Line Guidebook. Note that the service establishment fee for MegaLink service and MegaLink Light service is applicable. SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) as described following or LightGate service (a.k.a. BellSouth SPA Point to Point Network) from the Company's F.C.C. No. 1 Tariff, Section 7, may also be utilized.
      - (2) SMARTRing service, as provided in Section B7. of the intrastate Private Line Guidebook as of March 28, 1996 may be utilized. If additions or changes are subsequently made to SMARTRing service in Section B7. of the intrastate Private Line Guidebook, then SMARTRing service with the additions or changes will become available for use in this offering thirty days after the effective date of those changes in Section B7. of the Private Line Guidebook.
    - b. Trunk termination
      - (1) At the Company switch

		Nonrecurring			
	(a) Analog or Digital Company switch	Charge \$90.00	Rate \$166.25	USOC UTQ	
c.	Facility termination (required)				
	(1) At the customer switch				

- (a) Repeater Less then Twenty-four (24) Voice Equivalent Channels
  - a. Facilities<sup>2</sup>
    - (1) Facilities are provided at the rates specified for MegaLink service, MegaLink Light service, SMARTRing service as described following or LightGate service, contained in Section B7. of the Private Line Guidebook. Note that the service establishment fee for MegaLink service and MegaLink Light service is applicable. SMARTRing service as described following or LightGate service (a.k.a. BellSouth SPA Point to Point Network) from the Company's F.C.C. No. 1 Tariff, Section 7, may also be utilized.
    - (2) SMARTRing service, as provided in Section B7. of the intrastate Private Line Guidebook as of March 28, 1996 may be utilized. If additions or changes are subsequently made to SMARTRing service in Section B7. of the intrastate Private Line *Guidebook*, then SMARTRing service with the additions or changes will become available for use in this offering thirty days after the effective date of those changes in Section B7. of the Private Line Guidebook.
  - 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.
      - DS1 service denotes twenty-four voice grade channels encoded at 1.544 Mbps in accordance Note 1: with the North American hierarchy of digital signal levels. Also see A35.1.1.E.
      - When MegaLink service or MegaLink Light service is used to provide interconnection Note 2: facilities, all rates and charges from the Private Line Guidebook, in B7.1 and B7.10 apply. When LightGate service 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 used for interconnection facilities must be arranged for DS1 level termination at the Company central office.

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BELLSOUTH
TELECOMMUNICATIONS
LOUISIANA
ISSUED: March 17, 2017

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EFFECTIVE: April 1, 2017

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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 Service<sup>1</sup> (Cont'd)
  - 2. Less then Twenty Four (24) Voice Equivalent Channels (Cont'd)
    - 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.

(1) BellSouth CMRS Local Loop Trunks

			Nonrecurring Charge	Monthly Rate	USOC
		(a) Direct Inward Dialing (DID) trunk termination equipped for dial pulse address pulsing	\$52.25	\$27.17	RTBAX
		(b) DID trunk termination equipped for dual tone multifrequency (DTMF) address pulsing	52.25	34.67	RTBBX
		(c) DID trunk termination equipped for multifrequency	52.25	34.67	RTBCX
	(2)	(MF) address pulsing BellSouth CMRS Type 1, BellSouth CMRS Type 2A, BellSouth C 2C circuits	MRS Type 2B or	BellSouth CM	IRS Type
3.	Network	(a) Per voice equivalent channel activated Access Service	29.00	41.45	BSVTP
	a. Tru	nk direction option, per voice grade equivalent channel			
	(1)	BellSouth CMRS Type 1			
		(a) Two-way	-	-	BSVSC
		(b) One-way Inward (Company to CMC)	-	-	BSVS1
	(2)	(c) One-way Outward (CMC to Company) BellSouth CMRS Type 2A and BellSouth CMRS Type 2C	-	-	BSVSO
		(a) Two-way	-	-	BSVTC
		(b) One-way Inward (Company to CMC)	-	-	BSVT1
	(3)	(c) One-way Outward (CMC to Company) BellSouth CMRS Type 2B	-	-	BSVTO
		(a) Two-way	-	-	BSVMC
		(b) One-way Inward (Company to CMC)	-	-	BSVM1
		(c) One-way Outward (CMC to Company)	-	-	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.E.

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LOUISIANA
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BY: President - Louisiana

GENERAL SUBSCRIBER SERVICES TARIFF

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# New Orleans, Louisiana 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 Service<sup>1</sup> (Cont'd)
  - 3. Network Access Service (Cont'd)
    - a. Trunk direction option, per voice grade equivalent channel (Cont'd)
      - (4) BellSouth CMRS Local Loop Trunks

		Nonrecurring	Monthly		
		Charge	Rate	USOC	
(a)	Two-way with expanded 7-digit dialing	\$-	\$-	CAR2T	
(b)	One-way Inward (C.O. to MSP)	-	-	CAR1T	
(c)	One-way Outward (MSP to C.O.) with expanded	-	-	CAROT	
	7-digit dialing				

(5) BellSouth CMRS Local Loop Lines

Two-way with expanded 7-digit dialing - - CAR2L

Note 1: DS1 convices denotes twenty four voice grade channels encoded at 1.544 Mbrs in accordance.

**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.E.

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ISSUED: April 1, 1999 BY: President - Louisiana New Orleans, Louisiana

# 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
  - The following usage rates apply to mobile originated calls as defined in A35.1.1.H. preceding.
    - a. Calls terminating within the Basic Local Calling Area

Note 1: Rate effective 4/1/98

		llSouth CMRS Type 1, BellSouth CMRS Type 2A, BellS ARS Local Loop Trunks	outh CMRS Local Loop Lines and	i BellSouth	
			Rate Per Minute		
	(a) (2) Bel	All MSPs <sup>1</sup> IlSouth CMRS Type 2B Service	Of Use \$0.01725	USOC NA	(R)
	(a) b. IntraLA	All MSPs ΓA calls terminating outside the Basic Local Calling Area	.01000	NA	
	` '	llSouth CMRS Type 1, BellSouth CMRS Type 2A, BellS MRS Local Loop Trunks	outh CMRS Local Loop Lines and	d BellSouth	
2.	(a) The followin	All MSPs <sup>1</sup> g usage rate applies to mobile originated calls as defined in A	<b>.01725</b> 35.1.1.I. preceding.	NA	(R)
	a. Calls terr	minating within the LATA			
	` '	llSouth CMRS Type 1, BellSouth CMRS Type 2A, BellSoutcal Loop Trunks	th CMRS Local Loop Lines, BellSo	outh CMRS	
	(a)	Mobile originated <sup>1</sup>	01725	NA	(R)

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TELECOMMUNICATIONS, INC.
LOUISIANA
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New Orleans, Louisiana

#### 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 (Cont'd)
  - 3. The optional Land-to-Mobile (LTM) calling plan is offered at the following rates.

4	(a) (b) (c)	Land to mobile, per central office switch translation MSP Point of interconnection within Company territory <sup>1</sup> MSP Point of interconnection within Independent Company territory <sup>1</sup>	Nonrecurring Charge \$37.50 -	Rate Per Minute of Use \$01769	USOC MTUSE NA NA
4.	(a)	Selective Exchange LTM calling plan is offered at the follow Selective Exchange LTM, per central office switch	37.50	-	MTUSE
	(b) (c)	translation MSP Point of interconnection within Company territory MSP Point of interconnection within Independent	-	.01769 .01769	NA NA
5.	(DELETED)	Company territory <sup>1</sup>			

#### D. NXX Establishment Charge

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

(a) Per NXX established - - BSVAA

Note 1: Rates effective 4/1/98.

Second Revised Page 11.1 Cancels First Revised Page 11.1

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BELLSOUTH
TELECOMMUNICATIONS, INC.
LOUISIANA
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New Orleans, Louisiana

# A35. INTERCONNECTION OF MOBILE SERVICES

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

# A35.1.6 Rates and Charges (Cont'd)

# 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.

		Nonrecurring Charge	Monthly Rate	USOC	
(a)	Per group of 100 numbers, shared NXX	<b>\$</b> -	\$0.03	BSV1A	(R)
(b)	Per group of 20 numbers, shared NXX	-	0.006	NDX	(R)
(c)	Per group of 1000 numbers activated in a dedicated NXX	-	0.30	NADAA	(R)
(d)	Per group of 100 numbers activated in a dedicated NXX	-	0.03	B10	(R)
(e)	Per group of 100 numbers activated in a dedicated NXX with a scope of less than 100 numbers	-	0.03	B12	(R)
	<b>Note 1:</b> Numbers provided at this rate are sequential within	a number group.			(T)

<sup>®</sup>BellSouth is a registered trademark of BellSouth Corporation

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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)
  - 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.

		Nonrecurring	Monthly	
		Charge	Rate	USOC
(a)	800 Service Access Trunk, voice grade	<b>\$-</b>	<b>\$-</b>	LWZSQ
(b)	800 Service Access Trunk, <sup>2</sup> on BellSouth High	-	-	WHMS+
	Capacity facilities			
(c)	800 Service Network Usage <sup>3</sup>	-	-	NA
(d)	800 Service DID trunk terminations <sup>4,5</sup>	52.25	27.17	NDW
(e)	Establish trunk group and provide first group of 100	250.00	17.75	<b>T9B</b>
	numbers from an 800 code assigned for RCC			
	Services <sup>6</sup>			
(f)	Each additional group of 100 numbers from an 800	126.00	17.75	T9BEA
	code assigned for RCC services <sup>6</sup>			

- 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,	\$7.42	SRGM1
	BellSouth CMRS Local LoopTrunk, or BellSouth		
	CMRS Type 1 trunk equipped <sup>7</sup>		
(b)	Option 2, per BellSouth CMRS Local LoopLine,	7.42	SRGM2
	BellSouth CMRS Local Loop Trunk, or BellSouth		
	CMRS Type 1 trunk equipped <sup>7</sup>		

- Note 1: 800 Service Access Trunk rate for voice grade is the same as the 800 Service Access Line rate (USOC: for RCC application LWZSQ is equivalent to WSA1X).
- Note 2: 800 Service Access Trunk rate for use on BellSouth High Capacity facilities is the same as the 800 Service Access Line on High Capacity facilities rate. (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 3:** Rates and charges for the 800 Service usage apply.
- **Note 4:** 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 5: If the subscriber to DID 800 Service on BellSouth High Capacity facilities activates all twenty-four channels of a DS1 at the time of installation, the 800 Service DID trunk termination rate does not apply to the channels on that DS1. If the subscriber activates less than twenty-four channels, the 800 Service DID trunk termination rate applies.
- **Note 6:** Numbers provided at this rate are sequential within a number group.
- **Note 7:** See A35.1.1.N. for a description of the options.

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# A35. INTERCONNECTION OF MOBILE SERVICES

A35.2 (DELETED)
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BY: President - Louisiana New Orleans, Louisiana

(D)

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

BELLSOUTH
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# A35. INTERCONNECTION OF MOBILE SERVICES

# A35.2 (DELETED)<sup>1</sup> (Cont'd)

(D)

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

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GENERAL SUBSCRIBER SERVICES TARIFF

Third Revised Page 13.1 Cancels Second Revised Page 13.1

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# A35. INTERCONNECTION OF MOBILE SERVICES

A35.2 (	(DELETED)	) <sup>1</sup> (	Cont'd
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(D)

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

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# A35. INTERCONNECTION OF MOBILE SERVICES

# A35.2 (DELETED)<sup>1</sup> (Cont'd)

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

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# A35. INTERCONNECTION OF MOBILE SERVICES

A35.2 (DELETED) <sup>1</sup> (Cont'd
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(D)

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

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TELECOMMUNICATIONS, INC.
LOUISIANA
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BY: President - Louisiana New Orleans, Louisiana

# A35. INTERCONNECTION OF MOBILE SERVICES

# A35.3 Operator Services Interconnection

#### **A35.3.1 Service Description**

- A. Operator Services Interconnection (OSI) provides a connection between a Mobile Service Provider's (MSP's) switching equipment and a Traffic Operator Position System (TOPS) tandem switch. This interconnection will provide a direct transmission path to the Company's TOPS tandem switches. These Operator Services switches provide access to alternate billing services, Directory Assistance (DA) services, Directory Assistance Call Completion (DA/DACC) and general assistance services.
- **B.** This interconnection circuit will be one-way outward (MSP to TOPS tandem) only.
- C. At this time, the only service being offered via this interconnection is Directory Assistance/Directory Assistance Call Completion (DA/DACC) as specified in A3.25 of this Tariff.

#### 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 this Tariff.
- 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. of this Tariff.
- 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 this Tariff provided, however, that the late payment charge shall be 1.785 percent.
- **G.** The conditions and rates specified in other tariffs for services which may be associated with Operator Services Interconnection are in addition to those specified herein.
- **H.** Usage charges for mobile originated calls, as specified in A35.1.6.C. preceding, apply to DACC calls completed over this interconnection. These usage charges apply according to the specifications outlined in A35.1.1.G. or A35.1.1.H., except that the rating for these mobile originated calls will be based on the screening telephone number in all cases.

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#### A35. INTERCONNECTION OF MOBILE SERVICES

# A35.3 Operator Services Interconnection (Cont'd)

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

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

#### 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 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.

#### A35.3.5 Rates and Charges

- A. Facilities
  - 1. The following facility rates apply:
    - a. Rates for digital private line services (MegaLink, MegaLink Light or LightGate services), as provided in Section B7. of the Private Line *Guidebook*, apply from the MSP's premises to the MSP's serving wire center.
- **B.** Equipment Termination
  - 1. Trunk Termination, per DS1

		Nonrecurring	Monthly	
C	(a) At Company TOPS Tandem Switch Network Access Service	Charge \$90.00	Rate \$166.25	USOC OSNET
c.	Voice Grade Equivalent			
	(a) Per Channel	-	-	OSNCA

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#### A35. INTERCONNECTION OF MOBILE SERVICES

#### 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 Callpath 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 numbers 1 and 2 above, 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-Callpath 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 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 Subscriber Services Tariff, 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.
- 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 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.

#### 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 this Tariff.

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# A35. INTERCONNECTION OF MOBILE SERVICES

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

#### A35.4.2 General (Cont'd)

- E. The appropriate service charges in Section A4. of this Tariff apply to the establishment and rearrangement of service provided under this sub-section. In addition, the nonrecurring charges specified in A35.4.5 following shall apply for connection of service or rearrangement.
- **F.** The rates contained in this offering contemplate the use of standard serving arrangements normally provided by the Company. These rates contemplate installation during normal work hours. Non-standard facilities requirements, equipment, service options or installation requirements may be requested via processes defined in Section A5. of this Tariff.
- **G.** The conditions and rates specified in other tariffs for services which may be associated with this service are in addition to those specified herein.
- 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'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 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. BellSouth can provide intraLATA transport, however, if the circuits are interLATA the CMRS must arrange to transport the circuit across the LATA boundary.
- F. The CMRS must have obtained an E2 interface to the Company E911 databases that complies with the BellSouth 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.
- **G.** The CMRS must provide the Company information about the E2 interface including type of connections, IP addresses, MPC identifiers, and P-ANI ranges necessary to properly establish the E2 interface to the Company E911 databases.
- **H.** The CMRS must have Position Determining Entity (PDE) and a Mobile Position Center (MPC) in their network to provide Phase 2 location information.

# A35.4.4 Application of Rates

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

#### A35.4.5 Rates and Charges

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

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

(M)