

**1. General**

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The regulations contained herein are specific to the services involved and in addition to the General Regulations applicable to all services of the Telephone Company as set forth in Part 2 of this guidebook.

Application of Guidebook

This Guidebook applies to the connection of facilities of the Indiana Bell Telephone Company, Incorporated (hereinafter referred to as the Tele-phone Company) to facilities of an authorized Cellular Mobile Carrier for the purpose of serving calls between wire line customers of the Telephone Company and/or customers of the Cellular Mobile Carrier. Nothing herein shall preclude the customer from purchasing other Indiana Bell Telephone guidebook offering as appropriate.

Rates and charges for Cellular Mobile Carrier Service are set forth in Paragraph 3 of this Section. Additional charges for services other than basic service arrangement from the local serving office as described in this part apply when Cellular Mobile Carrier Services are used in conjunction with these other services. Descriptions, rates and application of these additional services are provided elsewhere in this guidebook.

Definitions

Authorized Services - Those domestic public Cellular communications services which the Cellular Mobile Carrier lawfully provides on an interconnected basis.

Billable Minutes - The term "Billable Minutes" denotes that usage of exchange facilities for the purpose of calculating chargeable usage. For a landline originated call, usage is measured from the time the originating end user's call is delivered by the Telephone Company and acknowledged as received by the CMC facilities connected with the originating exchange. For a Cellular originated call, usage is measured from the time the call is received by the end user in the terminating exchange. Timing of usage at both landline and Cellular ends shall terminate when the called or calling party disconnects and will be rounded up to the nearest minute for each end office.

Calling Party Number - an SS7 parameter identifying the directory number of the calling station.

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/1/ Material formerly appeared in IURC No. 20, Part 14, Section 2, Sheet 1.

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

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## Definitions (Cont'd)

Carrier Selection Indicator - an SS7 parameter which identifies whether the originating line was presubscribed or not, and if the line was presubscribed, whether the end user dialed 101XXXX, did not dial 101XXXX or if no indication of dialing is available.

Carrier's System - The communications system of the Cellular Mobile Carrier used to furnish public cellular services.

Cellular Geographic Service Area (CGSA) - The geographic area served by the cellular system within which a Cellular Mobile Carrier is authorized to provide Cellular Mobile service as defined initially by the FCC. This definition also applies to the Rural Service Area (RSA).

Cellular Mobile Carriers (CMC) - The CMC's are communication carriers authorized by the Federal Communications Commission (FCC) to provide cellular mobile communications in a specified Cellular Geographic Service Area (CGSA). The CMC's may request the Telephone Company to provide various facilities to be used in connection with the provision of the CMC's services.

Connecting Circuit - The Facility and associated service arrangement used to connect the Carrier's System with the Telephone Company's Network for the purpose of interchanging traffic.

Dedicated - Network Access Link (DNAL) provides a connection between the customer designated switch and a Telephone Company switch or central office for the control of features and functions, or for the transfer of data from the switch or central office to the customer. The DNAL is primarily used in conjunction with switched access services or central office based services requiring a separate link for transmitting signaling or control information.

Digital Trunk Channel - The equivalent of a voice band transmission path that is one channel of a digital trunk facility. A Digital Trunk Facility can carry 24 Digital Trunk Channels.

Digital Trunk Facility - The A DS-1 (1.544 Mbps) digital transmission path provided between the CMC POT and the Telephone Company point of switching, capable of channelizing 24 voice band transmission paths.

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/1/ Material formerly appeared in IURC No. 20, Part 14, Section 2, Sheet 2.

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

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## Definitions (Cont'd)

End Office Switch - The central office trunking entity where telephone loops are terminated for purposes of interconnection to each other and to the network.

Mobile Telephone Switching Office (MTSO) - The location of a Cellular Mobile Carrier's switching system at which the Carrier's customers are terminated for purposes of interconnection to each other and to trunks interfacing with the public switched network. The MTSO normally designates the switching office of the CMC but could be any location designated by the CMC such as a cell site.

Point of Termination (POT) - The demarcation point within a Cellular Mobile Carrier's designated premises at which the Telephone Company's responsibility for the provision of interconnection ends.

Signal Transfer Point Access

Signal Transfer Point (STP) Access provides interconnection to the Common Channel Signaling (CCS) network using a Dedicated Network Access Link (DNAL) and a dedicated Signal Transfer Point (STP) port.

Signaling System Seven - the layered protocol used for standardized Common Channel Signaling in the United States.

Subtending End Office of a Tandem - An end office that has final trunk group routing through that tandem.

Tandem - A Telephone Company switching system that provides a concentration and distribution function for traffic between end offices.

Telephone Company's Network - the communications network of the Indiana Bell Telephone Company, Incorporated and its connecting companies.

Voice Grade Trunk - A dedicated two-point private line channel service used to transmit voice grade signals in the nominal frequency range of 300 to 3000 Hz.

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/1/ Material formerly appeared in IURC No. 20, Part 14, Section 2, Sheet 3.

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

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## Description of Service

Cellular Mobile Carrier Service provides facilities for establishing connections between wire line customers of the Telephone Company and customers served by an authorized Cellular Mobile Carrier utilizing one or more dedicated NNX's. This service is provided as trunk side switching through the use of central office or tandem switch trunk equipment and is arranged for either two-way calling, which permits the delivery of calls originated by both Telephone Company landline customers and CMC customers, but not simultaneously, or one-way calling from a landline or a cellular customer. The methods of establishing connections are offered, designated Type 2A and Type 2B. Transmission specification standards are delineated in Technical Reference TR-NPL-000145\* and TR-EOP-000352\*.

## A. Type 2A Service

Type 2A service provides interconnection between a Cellular Mobile Carrier's MTSO, through a Telephone Company tandem switching point, to an end office switch of the Telephone Company, using a combination of dedicated facilities subscribed to by the CMC and the facilities of the Telephone Company's network, for the purpose of communications between a wire line customer served by that end office switch and a customer served by the CMC. Type 2A service is available only at designated Telephone Company electronic equal access tandem switches.

1. With a Type 2A interconnection, the CMC is able to establish connections through the Telephone Company's facilities to/from all valid central office codes (NNXs) that are served through the tandem. When a call is originated from a cellular customer, the Type 2A interconnection may also access Telephone Company announcement services and community information services.
2. When the CMC provides equal access, a separate Type 2A trunk group to an access tandem is required to deliver calls to Interexchange Carriers (ICs) that have Switched Access Feature Group B (FGB) or Feature Group D (FGD) service at the same access tandem. This trunk group may be equipped as a two-way trunk group and used to transport calls from the CMC premises to an ICs Switched Access FGD service at the same access tandem. The CMC's obligations pertaining to the provisioning of this separate two-way trunk group are set forth in Paragraph 2, Equal Access Call Recording following.

\* Technical References may be obtained from Bell Communications Research, Inc. Distribution Storage Center, 60 New England Ave., Piscataway, NJ 08852.

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/1/ Material formerly appeared in IURC No. 20, Part 14, Section 2, Sheet 4.

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

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Description of Service (Cont'd)

## A. Type 2A Service (Cont'd)

3. Type 2A interconnection service is comprised of four Telephone Company provided elements.
  - a. Cellular Dedicated Trunk (CDT) - The Type 2A CDT is a trunk that connects the MTSO to the Telephone Company's tandem. This trunk can be analog or digital based upon the Telephone Company's available facilities and the needs of the CMC. This trunk is dedicated to the CMC.  
  
A digital Type 2A CDT consists of two components:
    - a digital trunk facility which provides the digital facility between the Telephone Company's tandem and the MTSO.
    - a digital trunk channel which is the equivalent of a voice band transmission path provided over a digital trunk facility.  
A voice grade CDT consists of a four wire trunk.
  - b. Cellular Line Switching (CLS) - The CLS is the switching capability available to the CMC in the Telephone Company's end office.
  - c. Cellular Common Trunk (CCT) - The CCT is the trunking available to the CMC between the Telephone Company's tandem where the Type 2A CDT is provided and an end office subtending that tandem. When the Inter-tandem Traffic Routing Option is requested, the CCT is the trunking available between the Telephone Company's tandem where the Type 2A CDT is provided and an end office subtending another Telephone Company tandem within the Cellular Geographic Service Area (CGSA).
  - d. Cellular Tandem Switching (CTS) - The CTS is the tandem switching capability available between the tandem where the Type 2A service is provided and an end office subtending another Telephone Company tandem within the LATA.

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/1/ Material formerly appeared in IURC No. 20, Part 14, Section 2, Sheet 5.

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

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Description of Service (Cont'd)

**A. Type 2A Service (Cont'd)****4. Inter-tandem Traffic Routing Option**

When multiple access tandems are located within the LATA, the CMC may elect to provide Type 2A service to a single tandem which will also be the rate center location, and request that all traffic to or from end offices subtending other tandems within the LATA be routed over this Type 2A trunk group.

This arrangement will be available only between suitably equipped Indiana Bell tandems located within the LATA. IntraLATA MTS charges will not apply to landline originated or cellular originated calls made from or to Indiana Bell end offices subtending these tandems. There will be no additional charge if requested by the CMC when Type 2A service is initially provisioned. If requested after the Type 2A service is initially provisioned, this arrangement will be provided at cost.

The tandem used to collect inter-tandem traffic will be determined jointly by the Telephone Company and the CMC. Inter-tandem Traffic Routing Option is not applicable to tandem diversity structures. Tandem diversity may be provided by the telephone company at its option, at no additional charge to the customer, to direct some proportion of calls to a tandem other than the nearest tandem. Where such arrangements are used, end offices will home on both of the tandems to assure that calls will be completed even if one of the two tandems is disabled.

When the inter-tandem traffic routing option is provided, calls routed via two tandems are not guaranteed to meet the technical specifications set forth in Technical Reference TR-NPL-000145 and TR-EOP-000352.

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/1/ Material formerly appeared in IURC No. 20, Part 14, Section 2, Sheet 6.

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

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Description of Service (Cont'd)

**B. Type 2B Service**

Type 2B service provides interconnection directly between a Cellular Mobile Carrier's MTSO and an electronic equal access end office switch of the Telephone Company, using only dedicated facilities subscribed to by the Cellular Mobile Carrier, for the purpose of communications between a wire line customer served by that end office switch and a customer served by the CMC.

1. With a Type 2B interconnection, the CMC is able to establish connections through the Telephone Company's facilities to/from all valid central office codes (NNXs) in that end office serving area.
2. Type 2B interconnection service is comprised of two Telephone Company provided elements.
  - a. Cellular Dedicated Trunk (CDT) - The Type 2B CDT is a trunk that connects the CMC MTSO to the Telephone Company's electronic equal access end office. This trunk can be analog or digital based upon the Telephone Company's available facilities and the needs of the CMC. This trunk is dedicated to the CMC.

A digital Type 2B CDT consists of two components:

- a digital trunk facility which provides the digital facility between the Telephone Company's end office and the MTSO.
- a digital trunk channel which is the equivalent of a voice band transmission path provided over a digital trunk facility.

A voice grade CDT consists of a four wire trunk.

- b. Cellular Line Switching (CLS) - The CLS is the switching capability available to the CMC in the Telephone Company's end office.

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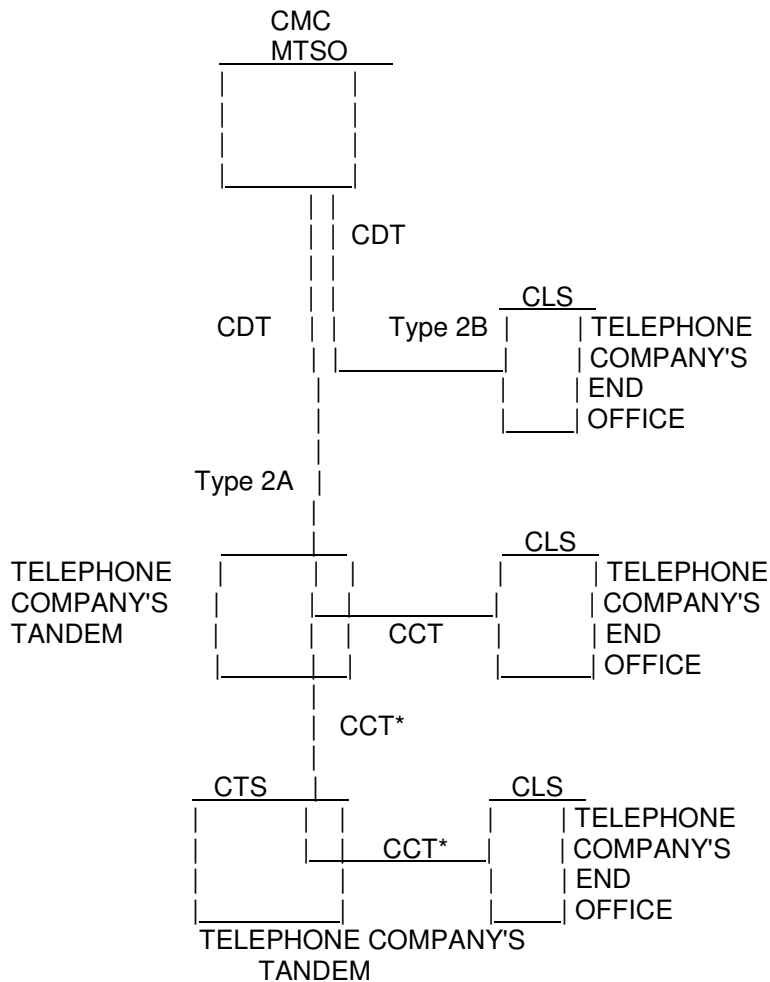
/1/ Material formerly appeared in IURC No. 20, Part 14, Section 2, Sheets 6 and 7.

1. General (Cont'd)

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Description of Service (Cont'd)

ILLUSTRATIVE SKETCH



CTS: Cellular Tandem Switching  
 CLS: Cellular Line Switching  
 CDT: Cellular Dedicated Trunk  
 CCT: Cellular Common Trunk  
 MTSO: Mobile Telephone Switching Office

\* When Inter-tandem Traffic Routing Option is provided, the CCT element will apply from the end office to the tandem connecting to the MTSO.

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**2. Regulations**

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## Provision of Service

- A. At the CMC's request, the Telephone Company and the CMC will physically connect their facilities and interchange traffic originating or terminating on the CMC's System in connection with the CMC's authorized services. Such interconnection shall be in accordance with the provisions set forth herein.
- B. Subject to the availability of facilities and the reasonable requirements of the Telephone Company for its telecommunications services, the Telephone Company will provide to the CMC, upon request, those facilities and arrangements which are necessary to establish the physical connection and interchange of traffic provided for herein, and other facilities the CMC may require for operation of its system such as remote transmitter and receiver links.
- C. In interchanging two-way cellular traffic, the Telephone Company will connect its facilities with those of the CMC between an end office switch or tandem located in the CMC's Cellular Geographic Service Area and the CMC's Mobile Telephone Switching Office serving that area.
- D. If facilities are not available or, where the CMC's individual requirements are such that special equipment or arrangements, special routing, special gauge of wire, unusual type of circuit facilities or more circuit facilities than could be utilized in the near future for telephone service are required, special construction as found in Part 2, Section 5 of this guidebook may be applicable.
- E. When digital Type 2A or 2B service is requested, a digital trunk facility must be established between the tandem or end office and the MTSO prior to the provisioning of individual digital trunk channels. The CMC shall provide the system identification and channel assignment of the digital trunk facility when ordering digital trunk channels on existing digital trunk facilities.
- F. Digital Trunk Facility Non-synchronization Option

When requested by the CMC for a shared use digital trunk facility, digital Type 2A facilities provided to a digital tandem may be equipped in the Telephone Company central office to allow the CMC to utilize Type 2A service while operating independently of the national synchronization network.

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/1/ Material formerly appeared in IURC No. 20, Part 14, Section 2, Sheet 9.

**2. Regulations (Cont'd)**

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## Provision of Service (Cont'd)

- G. To convey signaling information from one switching system interface to another requires a feature facility that is compatible to the switching systems involved. There are two non-chargeable options available to the Cellular Customer to select the switching system signaling feature for the transmission of signaling information.

The two switching system signaling options are as follows:

- Multifrequency (MF) Signaling

The Multifrequency (MF) Signaling option is a signaling technique used for inband transmission of data and voice messages. This type of signaling is transparent to the customer and used to perform signaling supervision and address functions between the end office or the tandem office switching system and the customer's designated premises. This option is available in all end or tandem offices.

- Signaling System Seven (SS7) Signaling

This option provides out-of-band transmission of address and supervisory SS7 protocol signaling information between the end office switching system or the tandem office switching system and the customer's designated premises. The SS7 signaling option requires the customer to purchase Signal Transport Point Access. Rates and Charges for Common Channel Signaling System Standard Transport Access Port (STP) are found in Part 21. The Calling Party Number and Carrier Selection Indicator parameters are included in the SS7 signaling option. This feature is available in SS7 signaling equipped end or tandem offices with Type 2 service.

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/1/ Material formerly appeared in IURC No. 20, Part 14, Section 2, Sheet 10.

**2. Regulations (Cont'd)**

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Use of Service and Facilities

- A. The connecting circuits provided by the Telephone Company shall be used only for the handling of interchanged traffic originating or terminating on the CMC's system in connection with the CMC's authorized services.
- B. The connecting circuits, facilities or arrangements provided by the Telephone Company shall not be used, switched or otherwise connected together by the CMC for the provision of through calling from a landline telephone to another landline telephone, except when required in the provision of CMC provided vertical services such as three way calling and call forwarding.
- C. The connecting circuits, facilities and arrangements provided by the Telephone Company shall not be used for any purpose or in any manner, directly or indirectly, in violation of law or in aid of any unlawful act or undertaking.
- D. The Telephone Company and the CMC each may make reasonable tests and inspections of its facilities and may, at a mutually agreeable time temporarily interrupt the facilities being tested or inspected. When cooperative testing is requested by either party, such testing shall be done in accordance with the Testing regulations specified in Paragraph 2.

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/1/ Material formerly appeared in IURC No. 20, Part 14, Section 2, Sheet 11.

**2. Regulations (Cont'd)**

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## Telephone Numbers

- A. With Type 2A and 2B service, a designated NNX may be dedicated entirely to the CMC for assignment of telephone numbers to its customers.
- B. The Telephone Company will, at the request of the CMC and where facilities are available, reserve central office telephone numbers including the complete NNX, for future use by the CMC.

## Availability of Facilities

The Telephone Company's obligation to furnish service or to continue to furnish service is dependent upon its ability to obtain, retain and maintain suitable rights and facilities without unreasonable expense, and to provide for the installation of those facilities required incident to the furnishing and maintenance of that service.

## Priority of Service

In case a shortage of facilities exists at any time either for temporary or protracted periods, the establishment of telephone local exchange and message toll services takes precedence in the furnishing of any other service or facility.

## Equal Access Call Recording

If a CMC orders a separate Type 2A trunk group to a Telephone Company tandem for use in the terminating direction to transport calls from the CMC premises to an IC's Switched Access Feature Group D (FGD) service at the same access tandem, the CMC shall provide the Telephone Company with documentation of a business agreement between the CMC and each such IC for the delivery of such calls. The agreement shall include acknowledgment that the Telephone Company may use call detail recordings made by the CMC to determine charges to the IC for the FGD service used for the CMC to IC calls. The CMC shall also provide to the Telephone Company, using industry standard data record formats as delineated in Bell Communications Research document BR 010-200-010\*, recordings of all calls (both completed and attempted calls) to ICs from the CMC premises using the Type 2A service. Recordings of calls provided by the CMC in other than industry standard format will be handled at cost.

\* Technical References may be obtained from Bell Communications Research, Inc. Distribution Storage Center, 60 New England Ave., Piscataway, NJ 08852.

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/1/ Material formerly appeared in IURC No. 20, Part 14, Section 2, Sheet 12.

**2. Regulations (Cont'd)**

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## Charges for Services and Facilities

- A. The Telephone Company shall bill in advance all charges for all services to be provided during the ensuing billing period. The CMC agrees to pay the Telephone Company all charges specified within 31 days (payment date) after the bill day or by the next bill date (i.e. same date in the following month as the bill date) whichever is the shortest interval. All charges are payable in immediately available funds. The bill shall be delivered to the CMC in print format unless otherwise requested by the CMC. If another format is requested the specifics will be negotiated between the Telephone Company and the CMC.
- B. Any portion of the payment received by the Telephone Company after the payment date as set forth in A. preceding, or any portion of the payment received by the Telephone Company in funds which are not immediately available to the Telephone Company, shall be assessed a late payment penalty as specified in Part 21, Section 2 of this guidebook.
- C. The Telephone Company shall charge the CMC for the portion of the service provided by the Telephone Company.
- D. The Telephone Company may, in order to safeguard its interests, require the CMC to make a deposit to be held by the Telephone Company as a guarantee of the payment of charges. Such deposit may not exceed the actual or estimated rates and charges for the service for a two month period. The fact that a deposit has been made in no way relieves the CMC from complying with the Telephone Company's regulations as to the prompt payment of bills. At such time as the provision of the service to the CMC is terminated, the amount of the deposit will be credited to the CMC's account and any credit balance which may remain will be refunded. Such a deposit will be refunded or credited to the account when the CMC has established credit or, in any event, after the CMC has established a one-year prompt payment record at any time prior to the termination of the provision of the service to the CMC. In case of a cash deposit, for the period the deposit is held by the Telephone Company, the CMC will receive interest at the same percentage rate as that set forth in PART 21, Section 2 of this guidebook. The rate will be compounded daily for the number of days from the date the CMC's deposit is received by the Telephone Company to and including the date such deposit is credited to the CMC's account or the date the deposit is refunded by the Telephone Company. Should a deposit be credited to the CMC's account, as indicated above, no interest will accrue on the deposit from the date such deposit is credited to the CMC's account.
- E. Any maintenance of service charges shall be applied in accordance with provisions specified in Part 21, Section 13 of this guidebook.
- F. Any expedited repair (overtime work required outside of normal hours) charges shall be applied in accordance with provisions specified in Part 21, Section 13 of this guidebook.

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/1/ Material formerly appeared in IURC No. 20, Part 14, Section 2, Sheets 13 and 14.

**2. Regulations (Cont'd)**

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Adjustment of Charges

- A. The Telephone Company will bill for the service it provides within one year. In the event of an adjustment of charges because of errors in billing (additional billing or refund) within one year, the correction will be made in the full amount for that period of time.

Application of Minimum and Termination Charges

- A. Unless otherwise specified in the Telephone Company's guidebooks, the minimum service period is one month from the date service is established and the minimum charge is the established rate for one month.
- B. When the use of the service or facilities is terminated because of condemnation, destruction or damage of property by fire or other cause beyond control of the customer, which renders the premises unfit for occupancy, the customer is required to pay only the charges for the period during which service or facilities have been furnished, no minimum or termination charges being applied.
- C. Any change in the rates or regulations of this Section prescribed by public authority having jurisdiction modifies all terms and regulations of contracts to the extent of such change.

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/1/ Material formerly appeared in IURC No. 20, Part 14, Section 2, Sheet 14.

**2. Regulations (Cont'd)**

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## Liability of the Telephone Company and the CMC

- A. Neither the Telephone Company nor the CMC assumes any liability for any act or omission of the other in the furnishing of its service to its subscribers
- B. The liability of the Telephone Company for damages arising out of delays in installation, maintenance or restoration of facilities, services or arrangements or out of mistakes, omissions, interruptions, or errors or defects in transmission occurring in the course of providing such facilities, services or arrangements shall in no event exceed the amount specified in paragraph following, Allowance for Interruptions.
- C. The Telephone Company shall reimburse the CMC for damages to premises or equipment of the CMC resulting from the provision of facilities, services or arrangements by the Telephone Company on such premises or resulting from the installation or removal thereof if caused by the negligence or willful act of the Telephone Company.
- D. The CMC shall reimburse the Telephone Company for damages to facilities of the Telephone Company if caused by the negligence or willful act of the CMC, or due to malfunction of any facilities or equipment provided by other than the Telephone Company.
- E. In the event that such damages as described in the foregoing paragraphs are the result of labor difficulties, governmental orders, civil commotions, natural disasters or other circumstances beyond the parties' reasonable control, the liability of the parties shall be only to the extent specified in paragraph following, Allowance for Interruptions.
- F. With respect to claims of patent infringement the CMC shall defend, indemnify, protect and save harmless the Telephone Company from and against all claims arising out of the combining with or use in connection with the Telephone Company's facilities, services or arrangements, any circuit, apparatus, system or method provided by the CMC or its subscribers.

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/1/ Material formerly appeared in IURC No. 20, Part 14, Section 2, Sheet 15.

**2. Regulations (Cont'd)**

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## Interruption of Service

- A. The characteristics and methods of operation of any circuits, facilities or equipment of the CMC connected with the services, facilities or equipment of the Telephone Company shall not interfere with or impair service over any facilities of the Telephone Company, its affiliated companies, or its connecting and concurring carriers involved in its services; or cause damage to their plant, impair the privacy of any communications carried over their facilities or create hazards to the employees of any of them or the public.
- B. If such characteristics or methods of operation are not in accordance with A. preceding, the Telephone Company will, where practicable, notify the CMC that temporary discontinuance of the circuit, facility or equipment may be required; however, when prior notice is not practicable, the Telephone Company may forthwith temporarily discontinue the use of a circuit, facility or equipment if such action is reasonable under the circumstances. In case of such temporary discontinuance the CMC will be promptly notified and afforded the opportunity to correct the condition which gave rise to the temporary discontinuance. The allowance for interruption is not applicable.
- C. The physical connection of facilities and interchange of traffic may be temporarily discontinued by either party upon 30 days notice to the other for repeated or willful violation of or refusal to comply with any of the applicable provisions of this guidebook.

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/1/ Material formerly appeared in IURC No. 20, Part 14, Section 2, Sheet 16.



**2. Regulations (Cont'd)**

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Allowance for Interruptions

A. When use of the facilities furnished by the Telephone Company is interrupted due to trouble in such facilities, and such interruption is not caused by the negligence of the CMC or its subscriber, or the fault of facilities or equipment provided by the CMC or its subscriber, the CMC shall, upon request, be allowed a credit as follows:

1. Cellular Dedicated Trunk (CDT)

- a. No credit shall be allowed for an interruption of less than 30 minutes. The CMC shall be credited for an interruption of 30 minutes or more at the rate of 1/1440 of the monthly charge for the facility for each period of 30 minutes or major fraction.
- b. No credit shall be applicable for any period during which the CMC fails to afford access to the facilities furnished by the Telephone Company for the purpose of investigating and clearing the trouble reported.

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/1/ Material formerly appeared in IURC No. 20, Part 14, Section 2, Sheet 17.

**2. Regulations (Cont'd)**

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## Refusal and Discontinuance of Service

- A. The date when the facilities and arrangements furnished hereunder shall be placed into service shall be mutually agreed upon by the Telephone Company and the CMC. If service is not established by such date or in the event the CMC ceases to engage in the business or providing service, either party may terminate the service on one month's notice. In such case payment for facilities or arrangements provided or for costs incurred, as set forth below, may be applicable.
- B. The service shall immediately terminate upon the suspension, revocation or termination by other means of the CMC's authority to provide such services over its system.
- C. The service may be terminated by the Telephone Company upon not less than thirty days notice to the CMC for failure to pay the Telephone Company on the dates or at the times specified for the facilities and services furnished.
- D. Upon termination of the service the monthly charges payable shall be prorated to the date of termination, provided that the facility or arrangement for which such charge is levied has been in service for more than one month. In the event that the facility or arrangement has been in service for less than one month, the full monthly charge shall be due on termination, together with any applicable non-recurring charges.
- E. In the event that facilities or arrangements are terminated prior to initiating service to the public, or that the CMC cancels an order for a facility or an arrangement prior to placing it in service, and the Telephone Company has incurred costs in connection with the facility or arrangement to be provided, the CMC shall reimburse the Telephone Company the full charges for one month's service together with any applicable non-recurring charges; or the reasonable costs, less net salvage, actually incurred by the Telephone Company if such costs are less than the applicable monthly and non-recurring charges.
- F. For the purpose of E. preceding, the term "costs" shall include the nonrecoverable cost of equipment and material ordered, plus the nonrecoverable cost of installation and removal including the cost of engineering, labor, supervision, transportation, rights-of-way and any other associated costs.

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/1/ Material formerly appeared in IURC No. 20, Part 14, Section 2, Sheet 18.

**2. Regulations (Cont'd)**

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## Testing

- A. The Telephone Company may make reasonable tests and inspections of its facilities and may, at a time mutually agreed upon between the CMC and the Telephone Company, temporarily interrupt the facilities being tested or inspected.
- B. Cooperative Acceptance Testing will be performed on all new installations at a negotiated time without charge to the CMC.
- C. Other Testing requested by the CMC.

Charges specified in Part 21, Section 13 of this Guidebook may be applicable.

## Maintenance

- A. The Telephone Company is solely responsible for the maintenance of facilities provided by the Telephone Company. This includes the Telephone Company provided wiring, cable and other facilities up to the point of termination.
- B. The maintenance of the Telephone Company provided facilities will be accomplished without charge to the CMC.
- C. The customer or others may not rearrange, move, disconnect, remove or attempt to repair any facilities provided by the Telephone Company, other than by connection or disconnection to an interface means, except with the written consent of the Telephone Company.

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/1/ Material formerly appeared in IURC No. 20, Part 14, Section 2, Sheet 19.

**3. Rates and Charges**

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## Types of Rates and Charges

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

## A. Monthly Rates

Monthly rates are flat recurring rates that apply each month or fraction thereof that a Cellular Mobile Carrier Service is provided.

## B. Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for CMC Service are: installation of service, Digital Trunk Channel Activation and service rearrangements.

## 1. Installation of Service

Nonrecurring charges apply to each service installed. The nonrecurring charges for the installation of service are set forth in 1.a., b. and c. below.

## a. Administrative Charge

The Administrative Charge applies any time a customer initiates an order for service. This charge applies once per customer order. Administrative Charges for Radio Common Carrier Service are set forth in Nonrecurring Rates and Charges following.

## b. Design and Central Office Connection Charge

The Design and Central Office Connection Charge applies to each service installed, and is charged once per circuit. The nonrecurring charges for design and central office connection are set forth in Nonrecurring Rates and Charges following.

## c. Customer Connection Charge

The Customer Connection Charge applies to each service installed and is charged once per Local Distribution Channel. The nonrecurring charges for customer connection are set forth in Nonrecurring Rates and Charges following.

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/1/ Material formerly appeared in IURC No. 20, Part 14, Section 2, Sheet 20.

**3. Rates and Charges (Cont'd)**

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Types of Rates and Charges (Cont'd)

**B. Nonrecurring Charges (Cont'd)****2. Activation of a Digital Trunk Channel**

Nonrecurring charges apply for the activation of a digital trunk channel. The charge does not apply when the channel is installed coincident with the initial installation of the digital system but does apply at any time subsequent to the installation of the digital system. The Administration charge will also apply.

**3. Service Rearrangements**

Service rearrangements are changes to existing (installed) services which do not result in either a change in the minimum period requirements as set forth in Application of Minimum Charges preceding or a change in the physical location of the point of termination at a customer designated premises. Changes which result in the establishment of new minimum period obligations are treated as disconnects and starts. Changes in the physical location of the point of termination are treated as moves and are described and charged for as set forth in 3.B.4. Moves following.

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

Certain "records only" changes will be made without charge(s) to the customer. Such changes require the continued provision and billing of the CMC Service to the same entity (i.e., customer remains responsible for all outstanding indebtedness for the CMC Service). "Records Only" changes includes but not limited to:

- Change of customer name (i.e., the customer of record does not change but rather the customer of record changes its name--e.g., AT&T-Long Lines to AT&T - Communications),
- Change of customer address when the change of address is not a result of a physical relocation of equipment,
- Change in billing data (name, address, or contact name or telephone number,
- Change of customer contact or telephone number.

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/1/ Material formerly appeared in IURC No. 20, Part 14, Section 2, Sheet 21.

**3. Rates and Charges (Cont'd)**

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Types of Rates and Charges (Cont'd)

**B. Nonrecurring Charges (Cont'd)****3. Service Rearrangements (Cont'd)**

Other service rearrangements include but not limited to are as follows:

- If a change involves the activation of a digital trunk with separate nonrecurring charges, the Design and Central Office Connection Charge and the Customer Connection Charge associated with the CMC Service will apply in addition to the separate nonrecurring charge. The Administrative Charge will also apply.
- If a change involves the removal of a Feature or Option, (i.e., a digital trunk Channel) either with or without separate non-recurring charges, the Design and Central Office Charge associated with the Service will apply. The Administrative Charge will also apply.
- If the change involves a change in the type of signaling, the Design and Central Office Connection Charge and the Customer Connection Charge associated with Direct Analog Service will apply. The Customer Connection Charge will apply per LDC affected. The Administrative Charge will also apply.
- For all other changes which require physical work to be performed, one Design and Central Office Connection apply. The Administrative Charge will also apply.
- For all other changes not requiring physical work at the central office or customer premises, including a change in the customer circuit identification, billing account number, jurisdiction without a physical re-arrangement of facilities, or customer test line, the Administrative Charge will apply.

Only one such charge will apply per order. If the rearrangements are initiated by the Telephone Company, no charge will apply.

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/1/ Material formerly appeared in IURC No. 20, Part 14, Section 2, Sheet 22.

**3. Rates and Charges (Cont'd)**

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Types of Rates and Charges (Cont'd)

**B. Nonrecurring Charges (Cont'd)****4. Moves**

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

- The Point of Termination at the customer's premises
- The customer's premises

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

**a. Moves Within the Same Building**

When the move is to a new location within the same building, Charge for the move will be an equal to one half of the nonrecurring (i.e., installation) charge for the service termination affected. There will be no change in the minimum period requirements.

**b. Moves To a Different Building**

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

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/1/ Material formerly appeared in IURC No. 20, Part 14, Section 2, Sheet 23.

**3. Rates and Charges (Cont'd)**

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## Application

A. The monthly rates and non-recurring charges for Cellular Mobile Carrier Service rate elements apply as follows:

1. Cellular Line Switching (CLS) - (Types 2A and 2B Service)

See 3.C. following.

2. Cellular Dedicated Trunk (CDT) - (Types 2A and 2B Service)

a. The CDT rate is a two-part monthly rate consisting of a fixed rate plus a per mile rate. (Airline mileage between the MTSO and the Telephone Company's end office or tandem)

- A non-recurring charge is applicable to install or change a CDT.
- A non-recurring charge is applicable to activate a digital channel.

b. Shared Use

Shared Use occurs when type 2A or 2B service and Special Access service are provided, at the CMC's request, over the same digital transmission facility through a common interface.

For Type 2A or 2B service where the Special Access facility ends at a Telephone Company hub that is not co-located in the same wire center with the Telephone Company access tandem or end office, the fixed monthly rate for the CDT service does not apply. In addition, the mileage used to determine the monthly rate for Type 2A CDT service is calculated using the airline distance between the Telephone Company hub location where the Special Access facility ends and the Telephone Company access tandem. For Type 2B service, the mileage is measured between the Telephone Company hub location where the Special Access facility ends and the Telephone Company end office.

For Type 2A or 2B service where the Special Access facility ends at a Telephone Company hub that is co-located in the same wire center with the Telephone Company access tandem for Type 2A service or end office for Type 2B service, the CDT mileage charges i.e., the fixed monthly rates and per mile monthly rates, do not apply.

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/1/ Material formerly appeared in IURC No. 20, Part 14, Section 2, Sheets 24 and 25.



**3. Rates and Charges (Cont'd)**

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Application (Cont'd)

A. (Cont'd)

3. Cellular Common Trunk (CCT)-(Type 2A Service)

See 3.C. following.

4. Cellular Tandem Switching (CTS)-(Type 2A Service Option)

See 3.C. following.

5. Service Establishment Charge (Types 2A and 2B Service)

A non-recurring charge applicable for the modification of switching facilities in Telephone Company end office switches to accommodate the initial assignment of an NNX code to a Cellular Mobile Carrier within a particular Cellular Geographic Service Area.

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/1/ Material formerly appeared in IURC No. 20, Part 14, Section 2, Sheet 25.

**3. Rates and Charges (Cont'd)**

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Application (Cont'd)

- B. One rate center location pertaining to landline originated calls will be assigned per NNX implemented. The rate center location will be that of the Telephone Company Tandem Switch where the Type 2A Cellular Dedicated Trunks are interconnected to the Telephone Company's network. The CMC may at their option however, select the MTSO as the rate center if the MTSO is physically located in the same CGSA as the above mentioned tandem switch. The rate center for Type 2B service will be the same as established for Type 2A.

Where multiple Tandem Switches are located within a LATA, a single rate center location, i.e., tandem switch location, will be assigned.

- C. Terminating usage charges shall not apply pursuant to this guidebook except as set forth in this section. In accordance with 47 CFR Section 20.11 and the FCC's ruling in CC Docket No. 01-92; FCC 05-42 (*T-Mobile Order*), terminating usage charges shall be negotiated as part of an interconnection agreement between CMC and AT&T Indiana. Prior to the negotiation of an interconnection agreement, but after a request for negotiation for such agreement has been made by CMC or AT&T Indiana, AT&T Indiana shall assess terminating usage charges calculated in accordance with 47 CFR Section 20.11 for interim rates.

The CMC will pay any intraLATA MTS charges for all Cellular originated calls to all end offices not subtending the Telephone Company serving tandem. The CMC is also responsible for the provision of sufficient CDTs to accommodate all traffic and will be charged the appropriate non-recurring charges and monthly rates as specified following.

- D. For landline originated calls, the CMC is billed using Standard Billing, described as follows:

Under Standard Billing, the wire line customer pays any Telephone local or intraLATA MTS charges applicable for all intraLATA Landline originated calls. The rate center location utilized to compute the charges assessed to the wire line customer will be the rate center location specified in B. preceding.

Under Standard Billing, the CMC assumes no financial responsibility, except for the provision of an adequate amount of Cellular Dedicated Trunks for calls originating from wire line customers.

- E. A listing for the mobile telephone number of the CMC's customer in the alphabetical directory serving the CMC customer location, may be provided at the rates and charges specified in the AT&T Guidebook for Additional Listings - Business.

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/1/ Material formerly appeared in IURC No. 20, Part 14, Section 2, Sheets 26 and 27.

**3. Rates and Charges (Cont'd)**

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Application (Cont'd)

- F. With SS7 signaling, up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signals will be provided by Telephone Company equipment to the customer's designated premises via a Signal Transfer Point Access circuit. The SS7 signaling option requires the customer to purchase Signal Transfer Point Access and associated DNAL as described in Part 21.
- When a customer only changes Type 2A or Type 2B service from MF to SS7 signaling, nonrecurring charges will not apply.
- G. When Cellular Carrier Services are ordered by a customer where one end of the channel mileage is in one Exchange Telephone Company operating territory and the other end is in another Exchange Telephone Company operating territory, the Meet Point Billing (MPB) arrangement is available for ordering and billing of these services. Each Exchange Telephone Company involved will receive a copy of the order and will arrange to provide its portion of the service. Each Exchange Telephone Company would bill according to the Meet Point Billing arrangement selected by the Exchange Company.

Rating and billing will conform to industry standards and will be based on billing percentages (BP). BPs are determined by service type on a meet point basis. There are three options available to the Exchange Companies for billing the Cellular Mobile Carriers under the MPB arrangement.

The three Meet Point Billing options are as follows:

- Single Bill Single Tariff: The billing Exchange Company renders bill to the CMC for end-to-end services at their rates. The billing EC pays the other involved EC's for the percentage of access service provided based on the BP filed in FCC #4 and access rates of the non-billing EC.
- Single Bill Multiple Tariff: The billing EC prepares one access bill which identifies each EC's applicable rates.
- Multiple Bill: Each EC renders a bill for its portion of jointly provided access service.

Non-recurring charges will apply as appropriate for the Meet Point arrangement.

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/1/ Material formerly appeared in IURC No. 20, Part 14, Section 2, Sheet 28.

**3. Rates and Charges (Cont'd)**

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Type 2A Service

A. Vacant

	<u>Fixed USOC</u>	<u>Per Mile USOC</u>	<u>Monthly Rates</u>	
			<u>Fixed</u>	<u>Per Mile</u>

B. Cellular Dedicated Trunk

1. (a) Voice Grade (4 wire)	CEP1X	CEP1X	\$40.50	\$2.14
(b) Shared Use <sup>/1/</sup> Voice Grade (4 wire)		1A82S	0.00	2.14
2. (a) Digital Trunk Facility 1.544 Mbps	CZ31X	CZ31X	276.00	36.80
(b) Shared Use <sup>/1/</sup> Digital Trunk Facility 1.544 Mbps		1A86S	0.00	36.80
3. Shared Use <sup>/1/</sup> Digital Trunk Facility - non synchronization option 1.544 Mbps		1A86S	0.00	36.80

C. Vacant

D. Inter-tandem Traffic Routing Option

1. Vacant

/1/ See 3.A.2.b. of this Section for application of rates for Shared Use.

/2/ Material formerly appeared in IURC No. 20, Part 14, Section 2, Sheets 29, 29.1, and 30.

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**3. Rates and Charges (Cont'd)**

Type 2B Service

A. Vacant

B. Cellular Dedicated Trunk

		<u>Fixed USOC</u>	<u>Per Mile USOC</u>	<u>Monthly Rates</u>	
				<u>Fixed</u>	<u>Per Mile</u>
1.	(a) Voice Grade (4 wire)	CEP2X	CEP2X	\$40.50	\$2.14
	(b) Shared Use Voice Grade (4 wire)		1A82S	0.00	2.14
2.	(a) Digital Trunk Facility 1.544 Mbps	CEP4X	CEP4X	396.00	36.80
	(b) Shared Use Digital Trunk Facility 1.544 Mbps		1A83S	0.00	36.80

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/1/ Material formerly appeared in IURC No. 20, Part 14, Section 2, Sheet 30.

**3. Rates and Charges (Cont'd)**

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<u>Description /Billing Code/</u>			<u>Nonrecurring Charge</u>	
Digital Trunk Channel Activation Charge				
- Type 2A and 2B, per Digital Trunk Facility, per request				
1st Channel /CZP3X/			\$89.00	
Each Additional /CZP3A/			56.00	
Type 2A and 2B Nonrecurring Charge				
Installation and Rearrangement Charges				
	<u>Administrative Charge</u>	<u>Design &amp; C.O. Charge</u>	<u>Customer Connection Charge</u>	
	ORCMX	NRBCL	NRBBL	
Voice Grade	\$130.00	\$200.00	\$275.00	
Digital Trunk (DS1)	170.00	300.00	550.00	
			<u>Nonrecurring Charge</u>	
Service Establishment Charge				
NNX established per Tandem				
- Standard Billing /CL32X/			-	/1/

/1/ Material formerly appeared in IURC No. 20, Part 14, Section 2, Sheet 31.