

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE MESSAGE TELECOMMUNICATIONS )  
SERVICE TARIFF OF CINCINNATI ) CASE NO. 89-024  
BELL TELEPHONE COMPANY )

O R D E R

On February 1, 1989, Cincinnati Bell Telephone Company ("Cincinnati Bell") made a tariff filing to cancel its concurrence with South Central Bell Telephone Company's intrastate message telecommunications service tariff and establish a separate toll tariff for use in its market area. On February 24, 1989, the tariff filing was suspended for investigation. No petitions to intervene and no comments in opposition to the tariff filing have been filed in this matter.

As proposed, Cincinnati Bell's tariff filing will reduce message telecommunications service revenues in its market area approximately 30 percent or about \$878,000.<sup>1</sup> Furthermore, other information indicates that the reduction will not result in a toll revenue requirement deficiency.<sup>2</sup> Therefore, the Commission will approve the tariff, effective 10 days from the date of this Order, which should allow Cincinnati Bell ample time to implement billing system modifications.

---

<sup>1</sup> Response of Cincinnati Bell to the Commission's Order dated March 10, 1989, Item 2.

<sup>2</sup> Response of Cincinnati Bell to the Commission's Order dated April 7, 1989.

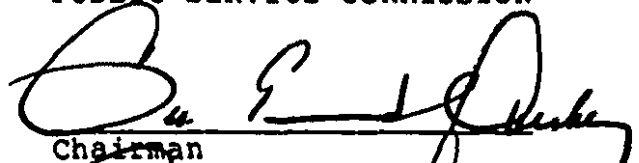
Accordingly, it is HEREBY ORDERED that:

1. The terms and conditions and rates and charges specified in Appendix A, attached and incorporated hereto, shall be effective 10 days from the date of this Order.

2. Cincinnati Bell shall file revised tariff pages reflecting the terms and conditions and rates and charges specified in Appendix A within 10 days from the date of this Order.

Done at Frankfort, Kentucky, this 15th day of May, 1989.

PUBLIC SERVICE COMMISSION

  
Chairman

  
Vice Chairman

  
Commissioner

ATTEST:

\_\_\_\_\_  
Executive Director

## APPENDIX A

### APPENDIX TO AN ORDER OF THE KENTUCKY PUBLIC SERVICE COMMISSION IN CASE NO. 89-024 DATED 5/15/89

The following rates and charges are prescribed for the customers in the area served by Cincinnati Bell Telephone Company. All other rates and charges not specifically mentioned herein shall remain the same as those in effect under authority of this Commission prior to the effective date of this Order.

#### MESSAGE TELECOMMUNICATIONS SERVICE

##### GENERAL REGULATIONS

#### A. APPLICATION

This tariff applies to intrastate intraLATA Message Telecommunications Service (MTS) furnished or made available by Cincinnati Bell Telephone Company, hereinafter referred to as the Company, and for intrastate intraLATA MTS furnished or to be furnished by other connecting carriers concurring in this tariff.

#### B. REGULATIONS

1. The regulations in Section 1 of the General Exchange Tariff pertaining to local service area are applicable to MTS.

The regulations in Section 2 of the General Exchange Tariff pertaining to abuse or fraudulent use of service, advance payments, broadcast of recorded conversations, denial and restoration of service, deposits, payment for service, and transmitting messages are applicable to MTS.

The regulations in Section 5 of the General Exchange Tariff pertaining to construction charges are applicable to MTS.

In addition, where this tariff refers to regulations, rates and charges in other tariffs of the Company, such tariffs and any future revisions, additions, or supplements to them are made a part of this tariff.

2. The obligations of both Company and customer as described in Section 2 of the General Exchange Tariff also apply to MTS. In addition, during an MTS call the customer should exchange identifying information with the called party to protect both their interests.

3. Authorized Connections

Equipment and facilities provided by the customer may be connected with facilities furnished by the Company for MTS, subject to the provisions of Section 2 and 4 of the General Exchange Tariff.

4. Emergency Calls

MTS calls to governmental emergency service agencies as defined in a. following are offered at no charge when the calls meet the criteria in b. following:

- a. Governmental Emergency Service Agencies: Fire-fighting, police, and emergency squad services (as designated by the appropriate governmental agency), provided they answer emergency service calls on a personally attended (live) twenty-four hour basis, 365 days a year.
- b. Emergency Call: A call of short duration to a governmental emergency service agency in order to seek assistance under conditions that threaten human life and/or property and require prompt corrective action.

5. Limited Conversation

The Company reserves the right to limit the length of conversations in times of emergency if a shortage of facilities occurs.

6. Priority of Service

In case of a shortage of facilities for a temporary or protracted period, the establishment of MTS has precedence over all other services, unless the public interest requires otherwise.

7. Special Reversed Charge Toll Service

The regulations in Section 18 of the General Exchange Tariff pertaining to special reversed charge toll service are applicable to MTS.

## 8. Use of Service

The Company will permit resale or sharing of MTS under the terms and regulations of Paragraph C.1.b. of Section 2 of the General Exchange Tariff and subject to the provisions of this tariff.

### TWO-POINT SERVICE

#### A. DEFINITION

Two-point MTS is furnished by toll connections between two main stations or PBX trunk lines, or a combination of the two.

#### B. CLASSES OF SERVICE

Five classes of two-point MTS are offered: Customer-Dialed, Automated Calling Card, Operator-Assisted Calling Card, Operator-Handled Station-to-Station and Person-to-Person.

1. **Customer-Dialed Service:** Station-to-station service in which the customer dials a telephone number directly without the assistance of an operator. Operator assisted station calls are treated as customer-dialed when the operator:
  - a. Reaches the called telephone number where facilities are not available for dial completion, or
  - b. Places a call for a calling party who is identified as being handicapped and unable to dial the call because of the handicapped, or
  - c. Reestablishes a call which has been interrupted after the called number has been reached, or
  - d. Call connected by operator because of trouble on the network.
2. **Automated Calling Card:** Station-to-station service in which a call is dialed by the customer, billed to the customer's Company authorized calling card number and is completed without the assistance of a Company operator.
3. **Operator-Assisted Calling Card:** Station-to-station service in which a call is completed with the assistance of a Company operator who records and bills the call to the customer's Company authorized calling card number.
4. **Operator-Handled:** Station-to-station service in which a Company operator handles the call in order to place the call and/or to arrange for charges to be paid by the called party (collect call), or billed to a third number.

5. Person-to-Person calls: The customer specifies to an operator a particular person to be reached, or a particular station, department or office to be reached through a PBX attendant.
  - a. The customer may name another individual in place of the original called party, or may agree to talk to another station through a PBX attendant, and the call is still charged as person-to-person.
  - b. When the customer wishes arrangements made in advance with a particular person or station for the establishment of a connection at a specified time (appointment call), the call is charged as person-to-person.

For all calls except customer-dialed, a service charge applies to the initial period rate for the message.

6. The charges due for an MTS call other than customer-dialed or automated calling card may, upon customer request, be billed:
  - a. Collect: Provided the charges are accepted at the called telephone number, and that the called station is not a public or semi-public telephone, the call may be charged to the called station account.
  - b. To a third telephone number: The call may be charged to a station authorized by the Company, other than the stations originating and terminating the call.
  - c. To a calling card: Under this arrangement, the call may be charged to a calling card number authorized by the Company.

## C. RATES AND CHARGES

### 1. Rates Applicable on Certain Holidays

On Christmas Day (December 25), New Year's Day (January 1), Independence Day (July 4), Thanksgiving Day and Labor Day, the rate applicable is the Evening rate, unless a lower rate would normally apply.

### 2. Initial Minute, Additional Minutes, Service Charges and Discounts

Two-point MTS rates are quoted in terms of initial minute, additional minutes and service charges in the Schedule of Rates on Page 7 and 8 of this Section.

a. Initial Minute

Initial minute rates are for connections of one minute or less.

b. Additional Minutes

Additional minute rates are for additional whole minutes or fractions beyond the initial minute during which connection continues.

c. Service Charges

A service charge applies to each operator-assisted calling card, automated calling card, operator-handled station-to-station or person-to-person call. Discounts do not apply to the service charge.

d. Discounts for the Evening and Night/Weekend reduced rate periods in the Schedule of Rates are expressed as a percent reduction of the charge calculated at the rates for the initial and additional minutes of messages occurring within the rate discount periods.

(1) For all classes of service the discount is applied only to the sum of the initial and additional minute charges. The discount is computed separately for charges in each rate period and the results are then totaled.

(2) When application of the discount results in a fractional penny of charge, the amount will be rounded down to the nearest whole cent.

3. Timing of Messages

a. For customer-dialed and operator-handled station-to-station calls, a message starts at the time communication is established between the calling station and the called telephone number, PBX system, or PBX station reached directly rather than through a PBX attendant.

b. For operator-handled person-to-person calls, a message starts at the time communication is established between the person calling and (1) the particular person called, (2) another party acceptable to the person calling, or (3) a PBX station reached through a PBX attendant.

c. Chargeable time ends when the calling station "hangs up" thereby releasing the network connection. If the called station "hangs up" but the calling station does not, chargeable time ends when the network connection

is released either by automatic timing equipment in the telecommunications network or by the Company operator.

- d. Chargeable time does not include time lost because of faults or defects in the service.

#### 4. Time of Day

- a. The time legally or commonly in use at the rate center of the calling station determines the rate period for customer-dialed calls.
- b. In cases where a message begins in one rate period and ends in another, the appropriate discount applies to the rates due for the portion of the message occurring in the reduced rate period.

#### 5. Method of Applying Rates

- a. Two-point MTS rates between points in Kentucky are based on the airline distance between rate centers.
- b. The rate centers within the Cincinnati Market Area (LATA) are listed in Section 4.B, List of Rate Centers, following.
- c. For the purpose of determining airline mileages, vertical and horizontal grid lines have been established across the State of Kentucky. The spacing between adjacent vertical grid lines and between horizontal grid lines represents a distance of one coordinate unit. This unit is the square root of 0.1, expressed in statute miles. A vertical (V) and horizontal (H) coordinate is computed for each rate center from its latitude and longitude location by use of appropriate map-projection equations. A pair of V-H coordinates locates a rate center, for determining airline mileages, at a particular intersection of an established vertical grid line with an established horizontal grid line. The distance between any two rate centers is the airline mileage computed as explained in Section 4.A, MTS Rate Distance Calculation, following.



6. Schedule of Rates

a. All Classes of Service, Maximum Day Rates

<u>Rate Mileage</u>	<u>Initial 1 Minute</u>	<u>Each Additional Minute</u>
1 - 10	\$.20	\$.14
11 - 22	.24	.15
23 + miles	.27	.18

b. Discount Periods #

	MON/TUES/WED/THURS/FRI/SAT/SUN	# DISCOUNTS
8:00 AM to *5:00 PM	Day Rate Period FULL RATE (1)	Discounts apply to the charge for the initial minute occurring within the discount period and to all additional minutes occurring within each discount rate period. Discounts do not apply to the Service Charge.
5:00 AM to *11:00 PM	Evening Rate Period 40% DISCOUNT (2)	
11:00 PM to *8:00 AM	Night and Weekend Rate Period 60% DISCOUNT	

\*to but not including

(1) 40% Discount for communication impaired person

(2) 60% Discount for communication impaired person

c. Service Charge

(1) Automated Calling Card	\$ .50
(2) Operator-Assisted Calling Card-Station-to-Station	1.00
(3) Operator-Handled Station-to-Station	1.50
(4) Operator-Handled Person-to-Person	3.00

d. Coin Telephone Charges (Sent-Paid)

Total charges for calls collected at coin telephones are computed as specified in C.6.a, b. and c. preceding and rounded up or down to the nearest multiple of \$.05.

## 7. Exceptions

### a. Messages placed by Certain Handicapped Persons

The following regulations will apply to customer-dialed messages placed by a hearing and/or speech impaired person who is incapable of verbal communication and therefore uses a non-voice telecommunications device for communicating over the MTS network.

Such handicapped person may apply to the Company for a rate discount. The rate discount is applicable to MTS messages originating at the handicapped person's residence access line.

#### (1) Certification Requirements

The following is required as proof of handicap:

Written certification to the Company from a licensed physician, audiologist, speech pathologist, or appropriate State or Federal agency familiar with the person's impairment, stating that the person qualifies for the rate discount. This may be provided on a Company form or professional letterhead of the certifying party.

#### (2) Rate Discounts

The rate discounts applicable are (1) Day Rate Period, apply Evening Rate Discount; (2) Evening, Night and Weekend Rate Periods, apply Night and Weekend Discount.

### b. Nonprofit and Governmental Agencies

Telecommunications Device for the Deaf (TDD) lines maintained by nonprofit organizations and governmental agencies, upon written application and verification that such lines are maintained for the benefit of the impaired may receive the discount as specified in C.7.a.(2) above on their Company provided intraLATA message toll services rates.

## CONFERENCE SERVICE

### A. DEFINITION

Conference Service provides simultaneous connections among three or more main stations or PBX trunk lines, or combination thereof.

## B. REGULATIONS

### 1. Conditions Under Which Conference Service is Furnished

- a. Service is furnished wherever facilities permit.
- b. Service may be provided so that all main stations or PBX trunk lines on a connection may communicate with all the others, or so that one station will be the transmitting station and all others receiving stations.
- c. Upon request, the Company will attempt to arrange for the establishment of a Conference Service at a specified time.

### 2. Billing For Conference Service

Charges for Conference Service calls may, upon request, be reversed to one of the called parties (collect call) or billed to a third telephone number or to a calling card, provided the total charge for all connections on a call is billed to one designated station.

### 3. Timing of Conference Messages

- a. A message starts when telephone communication is established between all of the persons on the conference.
- b. A message ends when the connection is terminated at the originating point (caller hangs up).
- c. If the originating customer requests that a station or stations be added to or disconnected from the call after it has started, the call is considered terminated and a new call is set up on the basis of the revised group of stations.
- d. Chargeable time does not include time lost because of faults or defects in the service.

## C. RATES AND CHARGES

### 1. Method of Applying Rates

Rate centers and rate distances are determined as described in Section 2, paragraph C.5 preceding.

### 2. Rates and Service Charges

- a. The two-point initial and additional minute charges apply, determined in accordance with Section 2, paragraph C.6.a.,b. preceding, for each connection of

the originating station to each called station on the conference. (For calls between the originator and a called station in the same local service area, the charge for a one-mile call applies).

- b. An operator-handled person-to-person service charge applies for each called station.
- c. Conference Service rates are the sum of the initial and additional minutes charges and the applicable service charges.

### 3. Application of Special Charges

When an abnormal arrangement is required or when suitable existing facilities are not available for Conference Service, special facilities may be provided at a special charge based upon cost. Special charges are separate from, and in addition to, the applicable initial and additional period rates for the Conference Service call.

#### DETERMINATION OF MTS RATE DISTANCES

##### A. MTS RATE DISTANCE CALCULATION

To determine the rate distance between any two rate centers proceed as follows:

Step 1. Obtain the "V" and "H" coordinates for each rate center.

Step 2. Obtain the difference between the "V" coordinates of the two rate centers. Obtain the difference between the "H" coordinates.

Note: The difference is always obtained by subtracting the smaller coordinate from the larger coordinate.

Step 3. Divide each of the differences obtained in Step 2 by three, rounding each quotient to the nearer integer.

Step 4. Square these two integers and add the two squares.

If the sum of the squares is greater than 1777, divide the integers obtained in Step 3 by three and repeat Step 4. Repeat this process until the sum of the squares obtained in Step 4 is less than 1778.

Step 5. The number of successive divisions by three in Steps 3 and 4 determines the value of "N". Multiply the final sum of the two squares obtained in Step 4 by the multiplier specified in the following table for this value of "N" preceding.

<u>N</u>	<u>Multiplier</u>	<u>Minimum Rate Mileage</u>
1	0.9	-
2	8.1	41

Step 6. Obtain the square root of product in Step 5 and, with any resulting fraction, round up to next higher integer. This is the message rate mileage except that when the mileage so obtained is less than the minimum rate mileage shown in Step 5 preceding, the minimum rate mileage corresponding to the "N" value is applicable.

Example:

The message rate distance is required between Covington and Williamstown.

- |                                                                               |                                                                                                                 |            |
|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|------------|
|                                                                               | <u>V</u>                                                                                                        | <u>H</u>   |
| a. Covington                                                                  | 6266                                                                                                            | 2676       |
| Williamstown                                                                  | 6353                                                                                                            | 2636       |
| b. difference                                                                 | 87                                                                                                              | 40         |
| c. (1) divide each difference by three and round to nearer integer: 29 and 13 |                                                                                                                 |            |
| d. (1) square integers and add:                                               | 29 x 29 =                                                                                                       | 841        |
|                                                                               | 13 x 13 =                                                                                                       | <u>169</u> |
|                                                                               | sum of squared integers:                                                                                        | 1010       |
|                                                                               | sum is Less than 1778                                                                                           |            |
|                                                                               | This sum of squared integers is less than 1778 and was obtained after one division by three, therefore "N" = 1. |            |
| e. Multiply final sum by factor 0.9 (corresponding to "N" = 1).               |                                                                                                                 |            |

$$\begin{array}{r} 1010 \\ \times 0.9 \\ \hline 909 \end{array}$$

f. Square root of 909 = 30 and a fraction, which is rounded up to 31 miles (fractional miles being considered full miles). The 31 miles is less than the minimum 41 rate miles applicable when "N" = 1, so the message rate mileage is 31 miles.

**B. LIST OF RATE CENTERS**

**1. List of Rate Centers**

<b>RATE CENTERS</b>	<b>V</b>	<b>H</b>
Alexandria	6277	2645
Boone	6292	2686
Butler	6310	2623
Covington	6266	2676
Falmouth	6328	2606
Glencoe	6361	2682
Independence	6296	2667
Walton	6316	2669
Warsaw	6354	2700
Williamstown	6353	2636

**DIRECTORY ASSISTANCE**

**A. General**

The regulations in Section 30 of the General Exchange Tariff pertaining to Director Assistance are applicable to MTS.