
A18. LONG DISTANCE MESSAGE TELECOMMUNICATIONS SERVICE**CONTENTS**

A18.1	Application	1	
A18.2	General	1	
A18.3	Two-Point Service	1	
A18.3.1	Service Between Land Wire Stations - Residence	1	
A18.3.2	Service Through Mobile Telephone Service Base Stations	4	
A18.3.3	(OBSOLETE)	6	
A18.3.4	Reserved For Future Use	7	
A18.3.5	Service Through Miscellaneous Common Carriers	7	
A18.3.6	Optional Calling Plans	7	
A18.3.7	Reserved For Future Use	7	
A18.3.8	Service Between Land Wire Stations - Business	7	
A18.4	(DELETED)	7.5	
A18.5	Airline Mileage Between Rate Centers	8	
A18.5.1	General	8	
A18.5.2	Determination Of Airline Mileages	8	
A18.5.3	List Of Rate Centers By LATA	10	
A18.6	Reserved For Future Use	21	
A18.7	(DELETED)	21	
A18.8	(DELETED)	22	(D)

LONG DISTANCE MESSAGE TELECOMMUNICATIONS SERVICE

CONTENTS

A18.8	(DELETED) (Cont'd)		(D)
A18.9	Reserved For Future Use	22	
A18.10	Reserved For Future Use	22	
A18.11	Reserved For Future Use	23	
A18.12	Reserved For Future Use	23	
A18.13	Reserved For Future Use	23	
A18.14	Toll Directory Assistance Call Completion Service	23	
A18.14.1	Description	23	
A18.14.2	General Terms and Conditions	23	
A18.14.3	Use of the Service	23	
A18.14.4	Limitations of Service	23	
A18.14.5	Application of Charges and Exemptions	23	
A18.14.6	Rates and Charles	23	

A18. LONG DISTANCE MESSAGE TELECOMMUNICATIONS SERVICE

A18.1 Application

- A. This Guidebook applies to Long Distance Message Telecommunications Service (MTS) furnished or made available by the Company and its connecting companies, over facilities within the state of Tennessee, between two or more points within the state of Tennessee where the respective rate centers of such points also are located within the same LATA in said state.

A18.2 General

- A. Long Distance Message Telecommunications Service is that of furnishing facilities for communications between stations in different rate centers for either two-point or conference service.
- B. Rates for service between points are based on airline mileage between rate centers. In general, each point is designated as a rate center except that certain small towns or communities are assigned adjacent rate centers with which they are closely associated for communication purposes or by community of interest. Airline mileages between rate centers are determined as provided in A18.5.
- C. Customer or Other Common Carrier-provided terminal equipment or system may be used with facilities furnished to the customer by the Company for Long Distance MTS as specified in Section A15.
- D. Long Distance MTS is provided for use by the Customer and may be used by others when so authorized by the Customer. Use of the service is subject to terms and conditions in Section A2, with the exception of paragraphs A2.2.1.A and A2.2.1.B, which restrict the use of service and prohibit payment to the Customer by another for use of the service.

A18.3 Two-Point Service

A18.3.1 Service Between Land Wire Stations - Residence

- A. Classes Of Service
Service is offered to residential customers on a Station-to-Station basis, as either Dial, or Operator. These two classes of calls are defined in Section A1, Definition of Terms.
- B. Rates And Charges
1. Charges for each Long Distance MTS message between any two points within the state are determined as follow:
 - a. First minute and additional minute rates for all messages are specified in the Basic Rate Schedule table in paragraph A18.3.1.B.2.
 - b. If a connection is established in a reduced rate period, the Basic Rate Schedule charges are discounted, as specified in paragraph A18.3.1.B.3.
 - c. For any Dialed Calling Card Station or Operator Station, the Service Charge specified in paragraph A18.3.1.B.3 is added to the Basic Rate Schedule charge.
 2. Basic Rate Schedule (Day Rate Period)
 - a. The following table contains the first minute and additional minute rates for the Day rate period for all call classes. These rates are based on chargeable time (duration) of the message, as specified in paragraph A18.3.1.C and the airline mileage between the rate centers of the two stations connected, as specified in paragraph A18.5.

		Additional Minutes, Each Or Fraction Thereof		USOC	
(1) Rate Mileage		Initial Minute			
(a)	1-10 miles	\$.64	\$.64	NA	(I)
(b)	11 - 16 miles	.64	.64	NA	(I)
(c)	17 - 22 miles	.64	.64	NA	(I)
(d)	23 - 30 miles	.64	.64	NA	(I)
(e)	31 - 40 miles	.64	.64	NA	(I)
(f)	41 - 55 miles	.64	.64	NA	(I)
(g)	56 - 70 miles	.64	.64	NA	(I)
(h)	71 - 85 miles	.64	.64	NA	(I)
(i)	86 - 100 miles	.64	.64	NA	(I)
(j)	101 +	.64	.64	NA	(I)

A18. LONG DISTANCE MESSAGE TELECOMMUNICATIONS SERVICE

A18.3 Two-Point Service (Cont'd)

A18.3.1 Service Between Land Wire Stations - Residence (Cont'd)

B. Rates And Charges (Cont'd)

2. Basic Rate Schedule (Cont'd)

b. *Reserved For Future Use*

(T)

(D)

A18. LONG DISTANCE MESSAGE TELECOMMUNICATIONS SERVICE

A18.3 Two-Point Service (Cont'd)

A18.3.1 Service Between Land Wire Stations - Residence (Cont'd)

B. Rates And Charges (Cont'd)

3. Rate Periods and Rate Discounts

- a. Rate periods and rate discounts described in the table following only apply to speech and hearing impaired.

Rates and Applicable Periods							
	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.	Sun.
8:00 AM to 5:00 PM ¹	Full Rate	Full Rate	Full Rate	Full Rate	Full Rate	20% Disc.	20% Disc.
5:00 PM to 11:00 PM ¹	Full Rate	Full Rate	Full Rate	Full Rate	Full Rate	20% Disc.	20% Disc.
11:00 PM to 8:00 AM ¹	20% Disc.	20% Disc.	20% Disc.	20% Disc.	20% Disc.	20% Disc.	20% Disc.

Day Rate Period = Full Rate

Evening Rate Period = Full Rate

Night and Weekend Rate Period = 20% Discount

- b. Discounts for the Evening, Night, and Weekend reduced rate periods are expressed as a percent reduction of the Basic Rate Schedule charges (2. preceding). The discount is applied to the total Basic Rate Schedule charge for a message which is established within the reduced rate period. When application of the discount results in a fractional charge, the amount will be rounded down to the lower cent.
- c. No discount applies for a message which is established in the Day rate period. (M)
- d. When a message spans more than one rate period, the rate in effect at the time the connection is established applies. (M)

Note 1: To, but not including.

A18. LONG DISTANCE MESSAGE TELECOMMUNICATIONS SERVICE

A18.3 Two-Point Service (Cont'd)

A18.3.1 Service Between Land Wire Stations - Residence (Cont'd)

B. Rates And Charges (Cont'd)

4. Service Charges

- a. For any message in the call classes listed following, add the Service Charge shown following to the total Basic Rate Schedule charge. Discounts do not apply to the Service Charges.

	Charge	USOC
(1) Station-to-Station		
(a) (DELETED)		
(b) Operator	\$1.25	NA

(DELETED)

- b. The charge specified in paragraph (1), for Inmate Coin Service, will apply only to inmate calls. These calls are to be restricted to outgoing, collect, coinless generated calls made from Penal Institutions. The service charge will be applied for each "completed" toll operator assistance call as follows:

(1) Station-to-Station			
(a) Operator (collect only) ¹	.50	NA	(C)

C. Timing Of Messages

1. First minute rates given in the rate schedule in A18.3.1.B.2 are for connections of one minute or any fraction thereof. All additional minute rates given in the rate schedule in A18.3.1.B.2 are for each additional minute of any fraction thereof that the connection continues beyond the first minute.
2. The time when the connection is established determines the applicable rate period. The time observed at the rate center of the calling station applies. (C)
3. On all Station-to-Station calls, chargeable time begins when connection is established between the calling telephone and the called telephone, Miscellaneous Common Carrier mobile radio system or PBX system.
4. (DELETED) (D)
5. 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 network or by the Company operator.
6. Chargeable time does not include time lost because of faults or defects in the service.

Note 1: Effective March 19, 2016, Collect, Person to Person, Bill to a Third Number calls and Local Verification/Interruption Service are discontinued. (N)

A18. LONG DISTANCE MESSAGE TELECOMMUNICATIONS SERVICE

A18.3 Two-Point Service (Cont'd)

A18.3.1 Service Between Land Wire Stations - Residence (Cont'd)

D. (DELETED)

(D)

A18. LONG DISTANCE MESSAGE TELECOMMUNICATIONS SERVICE

A18.3 Two-Point Service (Cont'd)

A18.3.1 Service Between Land Wire Stations - Residence (Cont'd)

- E. (DELETED)
- F. 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 holiday rate applicable is the Evening rate, unless a lower rate would normally apply.
- G. Rates for Hearing or Speech Impaired Customers or users of the Tennessee Relay Center
 - 1. Rates for certain MTS calls are reduced for hearing and/or speech impaired customers who meet requirements a. through d., or for any customer who meets requirement e:
 - a. The customer is certified to the Company as having a hearing or speech impairment that prevents telephone voice communication. (T)
 - b. The customer has non-voice equipment used for telecommunications.
 - c. The customer makes written application to the Company for the reduced MTS rates.
 - d. The customer designates to the Company one and only one number associated with that customer's residence service. Reduced rates apply only to calls originated from this number. (T)
 - e. The customer uses the Tennessee Relay Center which permits hearing and speech impaired customers to use a Telecommunications Device for the Deaf (TDD) to exchange telephone messages with voice customers. See definitions of Terms in Section A1. See Restrictions in Section A2.2.16.
 - 2. Rates for certain MTS calls are reduced for an agency that assists hearing or speech impaired persons under the following conditions:
 - a. The agency provides non-voice telecommunications equipment solely for the use of hearing or speech impaired persons.
 - b. The agency makes written application to the Company for the reduced MTS rates.
 - c. The agency designates to the Company one and only one local exchange number associated with each piece of non-voice telecommunications equipment. Each such number may be used only for calls through the non-voice telecommunications equipment. Reduced rates apply only to calls originated from such designated numbers. (T)
 - 3. The reduced rates specified following apply for all Dial Station-to-Station (DDD) Day or Evening calls originated from the designated number. (T)
 - a. A DDD call made in the Day rate period is rated at the DDD Evening rates specified in *paragraph* A18.3.1.B. (T)
 - b. A DDD call made in the Evening rate period is rated at the DDD night rates specified in *paragraph* A18.3.1.B. (T)

A18.3.2 Service Through Mobile Telephone Service Base Stations

- A. General
 - 1. The *terms, conditions* and rates set forth following apply for Long Distance Message Mobile Telephone Service furnished through the mobile telephone service base stations listed in *paragraph* A18.3.2.B. (T)
 - 2. Long Distance Message Mobile Telephone Service is a communication service through a base station between a mobile unit and a land wire telephone located outside the mobile service area associated with such base station or between two mobile units served through different base stations.

A18. LONG DISTANCE MESSAGE TELECOMMUNICATIONS SERVICE

A18.3 Two-Point Service (Cont'd)

A18.3.2 Service Through Mobile Telephone Service Base Stations (Cont'd)

A. General (Cont'd)

3. Long Distance Message Mobile Telephone Service also includes service through a mobile telephone service base station between a land wire telephone or mobile unit, and another station which is authorized by the Federal Communications Commission to communicate with the mobile telephone service base station, or between two such other stations.
4. For service between a mobile unit and a wire telephone within the mobile service area associated with the base station involved, the **terms, conditions** and rates are as provided in Section A17, Mobile Telephone Service including amendments thereto and successive issues thereof. (T)
5. Mobile Telephone Service is available to mobile units equipped for this service when within range of a base station of the Company through which such service is furnished and subject to transmission, atmospheric and like limitations.
6. Calls may be filed either to a specified person or to a specified telephone.
7. The party on the mobile unit placing or receiving a long distance call shall inform the mobile service operator, upon request, as to the state in which the mobile unit is located at the time of placing or receiving the call.

B. Rates And Charges

1. The rates between the applicable land wire telephone rate center and the rate center of the serving base station, or between the rate centers of two base stations listed following are the schedules of rates as set forth in **paragraph** A18.3.1.B. (T)

A18. LONG DISTANCE MESSAGE TELECOMMUNICATIONS SERVICE

A18.3 Two-Point Service (Cont'd)

A18.3.2 Service Through Mobile Telephone Service Base Stations (Cont'd)

B. Rates And Charges (Cont'd)

2. Base Stations

Station Code	Rate Center
Chatt.	Chattanooga
Clkv.	Clarksville
Clev.	Cleveland
Clba.-T.	Columbia
Dybg.	Dyersburg
Jkn.	Jackson
Kxvl.	Knoxville
Memp.	Memphis
Mrstn.	Morristown
Murf.	Murfreesboro
Nhvl.	Nashville
Tulh.	Tulahoma

A18.3.3 (OBSOLETED)

A18. LONG DISTANCE MESSAGE TELECOMMUNICATIONS SERVICE

A18.3 Two-Point Service (Cont'd)

A18.3.4 Reserved For Future Use

A18.3.5 Service Through Miscellaneous Common Carriers

- A. Service is available to and from customers of a Miscellaneous Common Carrier with which arrangements have been made for the interchange of traffic and is furnished through interconnecting equipment and local connecting facilities provided by the Company.
- B. The rates between the applicable wire rate center and the rate center of the Miscellaneous Common Carrier are the rates set forth in this guidebook for two-point service. The rate center of the Miscellaneous Common Carrier is the wire rate center of the Company serving exchange. An additional charge which the Miscellaneous Common Carrier bills to and collects from its customer is applicable to the remainder of the haul.

A18.3.6 Optional Calling Plans

Regular message toll charges do not apply to Optional Calling Plan calls as covered in Section A20.

A18.3.7 Reserved For Future Use

A18.3.8 Service Between Land Wire Stations - Business

A. Classes Of Service

Service is offered on a Station-to-Station basis as Dial, Dial Calling Card *or* Operator basis. These *three* classes of calls are defined in Section A1, Definition of Terms. (C)

B. Rates And Charges

1. Charges for each Long Distance MTS message between any two points within the state are determined as follows:
 - a. First minute and additional minute rates for all messages are specified in the Basic Rate Schedule table in paragraph 2.
 - b. If a connection is established in a reduced rate period, the Basic Rate Schedule charges are discounted, as specified in paragraph 3.
 - c. For any Operator Station message, the Service Charge specified in paragraph 4 is added to the Basic Rate Schedule charge. (C)
2. Basic Rate Schedule
 - a. The following table contains the first minute and additional minute rates for the Day rate period for all call classes. These rates are based on chargeable time (duration) of the message, as specified in C, and the airline mileage between the rate centers of the two stations connected, as specified in A18.5.

A18. LONG DISTANCE MESSAGE TELECOMMUNICATIONS SERVICE

A18.3 Two-Point Service (Cont'd)

A18.3.8 Service Between Land Wire Stations - Business (Cont'd)

- B. Rates And Charges (Cont'd)**
 - 2. Basic Rate Schedule (Cont'd)
 - b. Basic Rate Schedule (Day Rate Period)

		Initial Minute	Additional Minutes, Each Or Fraction Thereof	USOC	
(1)	Rate Mileage				
(a)	1-10 miles	\$5.11	\$5.11	NA	(I)
(b)	11 - 16 miles	5.11	5.11	NA	(I)
(c)	17 - 22 miles	5.11	5.11	NA	(I)
(d)	23 - 30 miles	5.11	5.11	NA	(I)
(e)	31 - 40 miles	5.11	5.11	NA	(I)
(f)	41 - 55 miles	5.11	5.11	NA	(I)
(g)	56 - 70 miles	5.11	5.11	NA	(I)
(h)	71 - 85 miles	5.11	5.11	NA	(I)
(i)	86 - 100 miles	5.11	5.11	NA	(I)
(j)	101 +	5.11	5.11	NA	(I)

EFFECTIVE: May 14, 2010

A18. LONG DISTANCE MESSAGE TELECOMMUNICATIONS SERVICE

A18.3 Two-Point Service (Cont'd)

A18.3.8 Service Between Land Wire Stations - Business (Cont'd)

B. Rates And Charges (Cont'd)

3. Rate Periods and Rate Discounts

- a. Rate periods and rate discounts described in the table following only apply to speech and hearing impaired.

Rates and Applicable Periods							
	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.	Sun.
8:00 AM	Full	Full	Full	Full	Full	53%	53%
to 5:00 PM ¹	Rate	Rate	Rate	Rate	Rate	Disc.	Disc.
5:00 PM	30%	30%	30%	30%	30%	53%	30%
to 11:00 PM ¹	Disc.	Disc.	Disc.	Disc.	Disc.	Disc.	Disc.
11:00 PM	53%	53%	53%	53%	53%	53%	53%
to 8:00 AM ¹	Disc.	Disc.	Disc.	Disc.	Disc.	Disc.	Disc.

Day Rate Period = Full Rate

Evening Rate Period = 30% Discount

Night and Weekend Rate Period = 53% Discount

- b. Discounts for the Evening, Night, and Weekend reduced rate periods are expressed as a percent reduction of the Basic Rate Schedule charges (2. preceding). The discount is applied to the total Basic Rate Schedule charge for a message which is established within the reduced rate period. When application of the discount results in a fractional charge, the amount will be rounded down to the lower cent.
- c. No discount applies for a message which is established in the Day rate period.
- d. When a message spans more than one rate period, the rate in effect at the time the connection is established applies.

Note 1: To, but not including.

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A18. LONG DISTANCE MESSAGE TELECOMMUNICATIONS SERVICE

A18.3 Two-Point Service (Cont'd)

A18.3.8 Service Between Land Wire Stations - Business (Cont'd)

B. Rates And Charges (Cont'd)

4. Service Charges

- a. For any message in the call classes listed following, add the Service Charge shown, to the total Basic Rate Schedule charge. Discounts do not apply to the Service Charges.

	Rate	USOC
(1) Station-to-Station		
(a) (DELETED)		
(b) Operator	\$2.50	NA

(DELETED)

(D)

- b. The charge specified in paragraph (1), for Inmate Coin Service, will apply only to inmate calls. These calls are to be restricted to outgoing, collect, coinless generated calls made from Penal Institutions. The service charge will be applied for each "completed" toll operator assistance call as follows:

	Charge	USOC
(1) Station-to-Station		
(a) Operator (collect only) ^f	\$.50	NA

(C)

C. Timing Of Messages

1. First minute rates given in the rate schedule in A18.3.8.B.2 are for connections of one minute or any fraction thereof. All additional minute rates given in the rate schedule in A18.3.8.B.2 are for each additional minute of any fraction thereof that the connection continues beyond the first minute.
2. The time when the connection is established determines the applicable rate period. The time observed at the rate center of the calling station applies. .
3. On all Station-to-Station calls, chargeable time begins when connection is established between the calling telephone and the called telephone, Miscellaneous Common Carrier mobile radio system or PBX system.
4. **(DELETED)**
5. 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 network or by the Company operator.
6. Chargeable time does not include time lost because of faults or defects in the service.

(C)

(D)

D. **(DELETED)**

(D)

Note 1: Effective March 19, 2016, Collect, Person to Person, Bill to a Third Number calls and Local Verification/Interruption Service are discontinued.

(N)

EFFECTIVE: June 1, 2005

.A18. LONG DISTANCE MESSAGE TELECOMMUNICATIONS SERVICE**A18.3 Two-Point Service (Cont'd)****A18.3.8 Service Between Land Wire Stations - Business (Cont'd)****E. Collection Of Charges At Coin Telephones**

Charges for calls to be collected at coin box telephones will be the total charges as provided in B. preceding computed and rounded to the nearest multiple of five cents.

F. 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 holiday rate applicable is the Evening rate, unless a lower rate would normally apply.

G. Rates for Hearing or Speech Impaired Customers or users of the Tennessee Relay Center

1. Rates for certain MTS calls are reduced for hearing and/or speech impaired customers who meet requirements a. through d., following, or for any customer who meets requirement e., following:

a. The customer is certified to the Company as having a hearing or speech impairment that prevents telephone voice communication.

b. The customer has non-voice equipment used for telecommunications.

c. The customer makes written application to the Company for the reduced MTS rates.

d. The customer designates to the Company one and only one telephone number associated with that customer's residence service. Reduced rates apply only to calls originated from this telephone number.

e. The customer uses the Tennessee Relay Center which permits hearing and speech impaired customers to use a Telecommunications Device for the Deaf (TDD) to exchange telephone messages with voice customers. See definitions of Terms in Section A1. See Restrictions in A2.2.16.

2. Rates for certain MTS calls are reduced for an agency that assists hearing or speech impaired persons under the following conditions:

a. The agency provides non-voice telecommunications equipment solely for the use of hearing or speech impaired persons.

b. The agency makes written application to the Company for the reduced MTS rates.

c. The agency designates to the Company one and only one local exchange telephone number associated with each piece of non-voice telecommunications equipment. Each such number may be used only for calls through the non-voice telecommunications equipment. Reduced rates apply only to calls originated from such designated telephone numbers.

3. The reduced rates specified following apply for all Dial Station-to-Station (DDD) Day or Evening calls originated from the designated telephone number.

a. A DDD call made in the Day rate period is rated at the DDD Evening rates specified in B. preceding

b. A DDD call made in the Evening rate period is rated at the DDD night rates specified in B. preceding

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A18. LONG DISTANCE MESSAGE TELECOMMUNICATIONS SERVICE

A18.3 Two-Point Service (Cont'd)

A18.3.8 Service Between Land Wire Telephones - Business (Cont'd)

H. Business Saver Service

1. Description
 - a. This plan is available to business customers only.
 - b. Customers who subscribe to Business Saver service may choose from three options with different term commitments which provide toll volume discounts. The amount of the discount is determined by the intrastate, intraLATA Company MTS charges on the customer's monthly bill as specified in 2., following. There is no additional charge to the customer for this service.
 - c. The discounts apply to Message Telecommunications Service (MTS) usage rates as specified in **A18.3.8.B.** The discounts do not apply to optional calling plans, operator surcharges, directory assistance charges, 976 charges, local exchange service charges or local exchange service calls. (T)
 - d. The discounts are applied at the billing account level and are applied after the application of the time-of-day discounts as specified **A18.3.8.B.** (T)
 - e. The discounts apply only to usage incurred after the service effective date for the option.
 - f. No minimum monthly toll usage is required to subscribe to Business Saver service.
 - g. Neither a secondary service ordering charge nor a monthly rate will apply when subscribing to this service.
2. Discounts and Charges (T)

		Total Monthly Usage					
		\$0.01-	\$10.01-	\$50.01-	\$75.01-		
		\$10.00	\$50.00	\$75.00	+		
Plan Option		Discounts				USOC	
(a)	Month-to-Month	0%	5%	10%	15%	TDFMM	(M)
(b)	12-Month Term	5%	10%	15%	20%	TDF12	(M)
(c)	24-Month Term	15%	20%	25%	30%	TDF24	(M)

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A18. LONG DISTANCE MESSAGE TELECOMMUNICATIONS SERVICE

A18.4 (DELETED)

(D)

EFFECTIVE: June 1, 2005

A18. LONG DISTANCE MESSAGE TELECOMMUNICATIONS SERVICE**A18.4 (DELETED) (Cont'd)**

(D)

A18.5 Airline Mileage Between Rate Centers**A18.5.1 General**

- A. For the purpose of determining airline mileages vertical and horizontal grid lines have been established across the State of Tennessee. 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 airline miles. A vertical (V) and a horizontal (H) coordinate is computed for each rate center from its latitude and longitude location by use of appropriate map-projection equations. These rate centers and their V and H coordinates are shown in A18.5.3. following. 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 A18.5.2. following.
- B. For Long Distance Message Telecommunications Service the rate center for a point not listed in this section is the rate center for the central office to which the point is assigned for long distance telecommunications rate purposes; where the point is not assigned to a central office, the rate center is the location of the point.

A18.5.2 Determination Of Airline Mileages

- A. To determine the rate distance between any two centers proceed as follows:
 - 1. Obtain the "V" and "H" coordinates for each rate center.

EFFECTIVE: June 1, 2005

A18. LONG DISTANCE MESSAGE TELECOMMUNICATIONS SERVICE

(N)

A18.5 Airline Mileage Between Rate Centers (Cont'd)**A18.5.2 Determination Of Airline Mileages (Cont'd)**

- A. To determine the rate distance between any two centers proceed as follows: (Cont'd)
2. Obtain the difference between the "V" coordinates of the two rate centers. Obtain the difference between the "H" coordinates. The difference is always obtained by subtracting the smaller coordinate from the larger coordinate.
 3. Divide each of the differences obtained in A18.5.2.A.2. by three rounding each quotient to the nearer integer.
 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 A18.5.2.A.3. by three and repeat A18.5.2.A.4. Repeat this process until the sum of the squares obtained in A18.5.2.A.4. is less than 1778.
 5. The number of successive divisions by three in steps A18.5.2.A.3. and 4. determines the value of "N". Multiply the final sum of the two squares obtained in A18.5.2.A.4. by the multiplier specified in the following table for the value of "N" preceding.

N	Multiplier	Minimum Rate Mileage
1	0.9	-
2	8.1	41
3	72.9	121
4	656.1	361
5	5,904.9	1,081
6	53,144.1	3,241

6. Obtain square root of product in A18.5.2.A.5 preceding 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 A18.5.2.A.5. preceding, the minimum rate mileage corresponding to the "N" value is applicable.

a. Example:

The message rate distance is required between Nashville, Tennessee and Tullahoma, Tennessee

	V	H
(1) Nashville	7010	2710
Tullahoma	7115	2539
(2) Difference	105	171
(3) Dividing each difference by three and rounding to nearer integer = 35 and 57.		
(4) Squaring integers and adding,	35 x 35 = 1225	
	57 x 57 = 3249	
Sum of squared integers		4474
(5) Sum of squared integers is greater than 1777 so divide integers in A18.5.2.A.6.a.(3) by three and repeat (4).		
(6) Dividing integers in A18.5.2.A.6.a.(3) by three and rounding = 12 and 19.		

EFFECTIVE: June 1, 2005

A18. LONG DISTANCE MESSAGE TELECOMMUNICATIONS SERVICE

A18.5 Airline Mileage Between Rate Centers (Cont'd)

A18.5.2 Determination Of Airline Mileages (Cont'd)

A. To determine the rate distance between any two centers proceed as follows: (Cont'd)

6. (Cont'd)

a. Example: (Cont'd)

(7) Squaring integers and adding,

$$12 \times 12 = 144$$

$$19 \times 19 = 361$$

Sum of squared integers

$$505$$

(8) This sum of squared integers is less than 1778 and was obtained after two successive divisions by three; therefore "N" = 2.

(9) Multiply final sum of squared integers by factor 8.1 (corresponding to "N" = 2)

$$505$$

$$\times 8.1$$

$$4090.5$$

(10) Square root of 4090.5 = 63 and a fraction, which is rounded up to 64 miles (fractional miles being considered full miles). The 64 miles is larger than the minimum of 41 rate miles applicable when "N" = 2, so the message rate mileage is 64 miles.

A18.5.3 List Of Rate Centers By LATA

A. Memphis LATA

Rate Center	V	H
Adamsville	7321	2871
Alamo	7274	3040
Arlington	7412	3078
Atwood	7201	2989
Bells	7285	3029
Bethel Springs	7339	2905
Big Sandy	7102	2922
Bolivar	7364	2967
Bradford	7193	3020
Brazil	7243	3043
Brownsville	7320	3044
Bruceton	7153	2927
Camden	7139	2907
Cedar Grove	7215	2959
Collierville	7459	3055
(DELETED)		
Covington	7358	3103

(D)

EFFECTIVE: June 1, 2005

A18. LONG DISTANCE MESSAGE TELECOMMUNICATIONS SERVICE
A18.5 Airline Mileage Between Rate Centers (Cont'd)**A18.5.3 List Of Rate Centers By LATA (Cont'd)****A. Memphis LATA (Cont'd)**

Rate Center	V	H
Decaturville	7231	2862
Dresden	7143	3025
Drummonds	7398	3135
Dyer	7209	3048
Dyersburg	7245	3107
Friendship	7260	3072
Gibson	7234	3005
Gleason	7150	3003
Grand Junction	7421	2980
Greenfield	7176	3026
Halls	7278	3092
Henderson	7301	2931
Henning	7331	3102
Henry	7137	2970
Hornbeak	7182	3122
Humboldt	7250	3012
Huntingdon	7176	2952
Jackson	7282	2976
Kenton	7185	3063
LaGrange	7421	2980
Latham	7118	3040
Lexington	7241	2912
Martin	7143	3053
Mason	7379	3069
Mason Hall	7190	3077
Maury City	7276	3060

(N)

EFFECTIVE: June 1, 2005

A18. LONG DISTANCE MESSAGE TELECOMMUNICATIONS SERVICE
A18.5 Airline Mileage Between Rate Centers (Cont'd)**A18.5.3 List Of Rate Centers By LATA (Cont'd)****A. Memphis LATA (Cont'd)**

Rate Center	V	H
McKenzie	7158	2980
Medina	7242	2986
Memphis	7471	3125
Middleton	7394	2934
Milan	7219	2996
Milledgeville	7292	2881
Millington	7419	3121
Moscow	7436	3014
Munford	7393	3117
 Newbern	 7221	 3095
 Palmersville	 7112	 3016
Paris	7111	2966
Parsons	7219	2870
 Ridgely	 7210	 3144
Ripley	7315	3102
Rosemark	7408	3102
Rutherford	7197	3052
 Sardis	 7273	 2876
Savannah	7311	2846
Scotts Hill	7255	2876
Selmer	7349	2898
Sharon	7164	3038
Shelby Forest	7430	3135
Shiloh	7345	2834
Sidonia	7166	3051
Somerville	7397	3024
Stanton	7358	3054

(C)

EFFECTIVE: June 1, 2005

A18 LONG DISTANCE MESSAGE TELECOMMUNICATIONS SERVICE
A18.5 Airline Mileage Between Rate Centers (Cont'd)**A18.5.3 List Of Rate Centers By LATA (Cont'd)****A. Memphis LATA (Cont'd)**

Rate Center	V	H	
Tiptonville	7188	3154	
Trenton	7223	3031	
Trezevant	7189	2984	
Trimble	7199	3091	
Troy	7170	3102	
Union City	7144	3092	
West Whiteville ¹	7365	3000	(N)
Whiteville	7365	3000	
Yorkville	7213	3017	

B. Nashville LATA

Adams - Cedar Hill	6954	2795
Alexandria	6962	2587
Ardmore	7239	2602
Ashland City	7012	2767
Auburntown	6993	2584
Baxter	6916	2534
Beech Grove (Coffee Co.)	7067	2572
Beersheba	7047	2465
Belfast	7146	2624
Bethpage	6910	2673
Blanche	7222	2593
Byrdstown	6794	2500

Note 1: This theoretical exchange was created to provide Metro Area Calling to the fringe area of the existing exchange. The V&H coordinates are the same (N)

EFFECTIVE: June 1, 2005

A18. LONG DISTANCE MESSAGE TELECOMMUNICATIONS SERVICE
A18.5 Airline Mileage Between Rate Centers (Cont'd)**A18.5.3 List Of Rate Centers By LATA (Cont'd)****B. Nashville LATA (Cont'd)**

Rate Center	V	H	
Carthage	6923	2592	
Celina	6829	2555	
Centertown	7020	2532	
Centerville	7141	2779	
Chapel Hill	7106	2644	
Charlotte	7053	2801	
Chestnut Mound	6921	2568	
Clarkrange	6857	2442	
Clarksville	6988	2837	
Clifton	7260	2822	
College Grove	7073	2656	
Collinwood	7279	2762	
Columbia	7137	2694	
Cookeville	6902	2515	
Cookeville South	6917	2519	
Cornersville	7167	2639	
Crawford	6855	2469	
Cross Plains - Orlinda	6923	2739	
Crossville	6902	2419	
Culleoka	7157	2674	
Cumberland City	7037	2867	
Cunningham	7022	2824	
Defeated	6907	2592	
Dibrell	6993	2522	
Dickson	7077	2796	
Dover	7036	2909	
Doyle	6962	2483	
Eagleville	7079	2648	
East Sango ¹	6981	2812	(N)
Elkton	7232	2615	
Erin	7056	2869	
Estill Springs	7126	2518	
Ethridge	7214	2709	
Fairview	7073	2747	
Fayetteville	7186	2575	(M)

Note 1: This theoretical exchange was created to provide Metro Area Calling to the fringe area of the existing exchange. The V&H coordinates are the same as the existing exchange. (N)

EFFECTIVE: June 1, 2005

A18. LONG DISTANCE MESSAGE TELECOMMUNICATIONS SERVICE
A18.5 Airline Mileage Between Rate Centers (Cont'd)**A18.5.3 List Of Rate Centers By LATA (Cont'd)****B. Nashville LATA (Cont'd)**

Rate Center	V	H	
Five Points	7269	2684	(N)
Flat Creek	7126	2574	
Flintville	7189	2540	
Fosterville	7076	2601	
Franklin	7063	2700	
Fredonia	6993	2808	
Gainesboro	6880	2559	
Gallatin	6938	2683	
Goodlettsville	6975	2717	
Gordonsville	6936	2582	
Granville	6907	2571	
Greenbrier	6960	2742	
Green Grove	6901	2648	
Hampshire	7162	2733	
Hartsville	6915	2640	
Hendersonville	6970	2700	
Highland	6890	2577	
Hillsboro	7086	2508	
Hillsdale	6896	2629	
Hohenwald	7191	2769	
Huntland	7179	2517	
Jamestown	6803	2454	
Kingston Springs	7057	2775	
Laager	7060	2446	
Lafayette	6377	2632	
Lavergne	7021	2666	
Lawrenceburg	7231	2705	
Lebanon	6960	2639	
Leoma	7248	2699	
Lewisburg	7147	2640	
Liberty	6971	2569	
Linden	7202	2822	
Livingston	6844	2508	
Lobelville	7169	2828	
Loretto	7272	2705	
Lyles	7101	2772	
Lynchburg	7143	2558	
Lynnville	7179	2667	

EFFECTIVE: June 1, 2005

A18. LONG DISTANCE MESSAGE TELECOMMUNICATIONS SERVICE
A18.5 Airline Mileage Between Rate Centers (Cont'd)**A18.5.3 List Of Rate Centers By LATA (Cont'd)****B. Nashville LATA (Cont'd)**

Rate Center	V	H	
Manchester	7081	2533	
McBurg	7198	2616	
McEwen	7091	2839	
McMinnville	7015	2504	
Milton	7005	2594	
Minor Hill	7253	2658	
Monteagle	7105	2469	
Monterey	6884	2476	
Moss	6830	2576	
Mount Juliet	6981	2674	
Mount Pleasant	7167	2715	
Murfreesboro	7036	2618	
Nashville	7010	2710	
New Johnsonville	7130	2883	
Nolensville	7041	2672	
Norene	6985	2618	
Normandy	7102	2557	
North Spring Hill ¹	7102	2693	(N)
North Springs	6863	2587	
Oak Grove	6900	2692	
Old Hickory	6981	2701	
Old Zion	6947	2502	
Palmyra	7016	2848	
Pelham	7096	2482	
Petersburg	7159	2602	
Pleasant Hill	6911	2445	
Pleasant Shade	6900	2605	
Pleasant View	6987	2774	
Portland	6908	2714	
Pulaski	7215	2653	
Red Boiling Springs	6861	2606	
Rickman	6872	2505	
Rock Island	6988	2492	

Note 1: This theoretical exchange was created to provide Metro Area Calling to the fringe area of the existing exchange. The V&H coordinates are the same as the existing exchange. (N)

EFFECTIVE: June 1, 2005

A18. LONG DISTANCE MESSAGE TELECOMMUNICATIONS SERVICE
A18.5 Airline Mileage Between Rate Centers (Cont'd)**A18.5.3 List Of Rate Centers By LATA (Cont'd)****B. Nashville LATA (Cont'd)**

Rate Center	V	H	
Saint Joseph	7285	2712	
Sango	6981	2812	
Santa Fe	7121	2721	
Sewanee	7120	2477	
Shelbyville	7112	2591	
Smithville	6967	2540	
Smyrna	7022	2652	
South Cunningham ¹	7022	2824	(N)
South Fredonia ¹	6993	2808	(N)
South Oak Grove	6974	2861	
Sparta	6944	2483	
Spencer	6979	2464	
Spencer Mill ¹	7101	2772	(N)
Springfield	6953	2764	
Spring Hill	7102	2693	
Summertown	7192	2717	
Tansi	6919	2413	
Temperance Hall	6951	2567	
Tennessee Ridge	7064	2881	
Tracy City	7093	2455	
Triune	7058	2661	
Tullahoma	7115	2539	
Unionville	7097	2627	
Vanleer	7051	2821	
Viola	7050	2504	

Note 1: This theoretical exchange was created to provide Metro Area Calling to the fringe area of the existing exchange. The V&H coordinates are the same as the existing exchange. (M)
(N)

EFFECTIVE: June 1, 2005

A18. LONG DISTANCE MESSAGE TELECOMMUNICATIONS SERVICE**A18.5 Airline Mileage Between Rate Centers (Cont'd)****A18.5.3 List Of Rate Centers By LATA (Cont'd)****B. Nashville LATA (Cont'd)**

Rate Center	V	H
Wartrace	7092	2577
Watertown	6967	2605
Waverly	7109	2861
Waynesboro	7254	2780
West Vanleer	7051	2821
Westmoreland	6889	2671
White Bluff	7057	2775
White House	6941	2722
Williamsport	7137	2733
Winchester	7140	2507
Woodbury	7015	2567
Woodland	7038	2551

(N)

C. Chattanooga LATA

Apison	7076	2320
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EFFECTIVE: June 1, 2005

A18. LONG DISTANCE MESSAGE TELECOMMUNICATIONS SERVICE
A18.5 Airline Mileage Between Rate Centers (Cont'd)**A18.5.3 List Of Rate Centers By LATA (Cont'd)****C. Chattanooga LATA (Cont'd)**

Rate Center	V	H
Benton	7015	2278
Charleston	7004	2306
Chattanooga	7098	2366
Cleveland	7037	2309
Collegedale	7072	2324
College Station	7002	2410
Copper Basin	7027	2214
Dayton	6987	2368
Decatur	6963	2335
Dunlap	7043	2413
Fall Creek Falls	6974	2429
Georgetown	7019	2335
Jasper	7119	2419
Nine Mile	6956	2402
Ooltewah	7069	2330
Pikeville	6982	2408
Soddy Daisy	7049	2368
South Pittsburg	7141	2425
Spring City	6935	2364
Whitwell	7086	2415

(M)

EFFECTIVE: June 1, 2005

A18. LONG DISTANCE MESSAGE TELECOMMUNICATIONS SERVICE

A18.5 Airline Mileage Between Rate Centers (Cont'd)

A18.5.3 List Of Rate Centers By LATA (Cont'd)

D. Knoxville LATA

Rate Center	V	H	
Athens	6958	2299	(M)
Ball Play	6921	2240	(M)
Bean Station	6699	2183	(M)
Bent Creek ¹	6736	2139	(N)
Bulls Gap	6672	2154	(M)

Note 1: This theoretical exchange was created to provide Metro Area Calling to the fringe area of the existing exchange. The V&H coordinates are the same as the existing exchange. (N)

EFFECTIVE: June 1, 2005

A18. LONG DISTANCE MESSAGE TELECOMMUNICATIONS SERVICE
A18.5 Airline Mileage Between Rate Centers (Cont'd)**A18.5.3 List Of Rate Centers By LATA (Cont'd)****D. Knoxville LATA (Cont'd)**

Rate Center	V	H	
Chestnut Hill ¹	6736	2139	(N)
Claxton	6805	2282	
Clinton	6793	2298	
Coker Creek	6967	2230	
Concord	6839	2273	
Dandridge	6747	2178	
Deer Lodge	6831	2405	
Englewood	6953	2279	
Etowah	6976	2275	
Gatlinburg	6811	2160	
Greenback	6881	2254	
Halls Crossroads	6783	2263	
Harriman	6863	2343	
Huntsville	6768	2385	
Jefferson City	6734	2203	
Jellico	6703	2348	
Kingston	6871	2331	
Knoxville	6801	2251	
LaFollette	6740	2325	
Lake City	6773	2313	
Lenoir City	6864	2284	
Loudon	6881	2288	
Madisonville	6925	2270	
Maryville	6844	2234	
Mascot	6766	2233	
Maynardville	6737	2262	
Morristown	6699	2183	

Note 1: This theoretical exchange was created to provide Metro Area Calling to the fringe area of the existing exchange. The V&H coordinates are the same as the existing exchange. (N)

EFFECTIVE: June 1, 2005

A18. LONG DISTANCE MESSAGE TELECOMMUNICATIONS SERVICE
A18.5 Airline Mileage Between Rate Centers (Cont'd)**A18.5.3 List Of Rate Centers By LATA (Cont'd)****D. Knoxville LATA (Cont'd)**

Rate Center	V	H	
Newport	6736	2139	
New Tazewell	6683	2253	
Niota	6941	2297	
Norris	6772	2297	
Oakdale	6854	2349	
Oak Ridge	6811	2303	
Oliver Springs	6824	2322	
Oneida	6751	2399	
Petros	6822	2344	
Powell	6799	2276	
Riceville	6980	2307	
Robbins	6788	2394	
Rockwood	6887	2356	
Rogersville	6637	2160	
Rutledge	6706	2223	
Sevierville	6788	2184	
Sharps Chapel	6715	2268	
Sneedville	6632	2205	
Solway	6822	2291	
Sunbright	6815	2394	
Surgoinsville	6610	2143	
Sweetwater	6918	2294	
Tate Springs	6684	2207	
Tellico Plains	6949	2243	
Vonore	6900	2259	(N)
Wartburg	6834	2369	
Washburn	6771	2236	
West Sweetwater ¹	6918	2294	(N)
White Pine	6718	2168	

Note 1: This theoretical exchange was created to provide Metro Area Calling to the fringe area of the existing exchange. The V&H coordinates are the same as the existing exchange.

EFFECTIVE: June 1, 2005

A18. LONG DISTANCE MESSAGE TELECOMMUNICATIONS SERVICE**A18.5 Airline Mileage Between Rate Centers (Cont'd)****A18.5.3 List Of Rate Centers By LATA (Cont'd)**

E. Rate Centers Located In Tennessee Which Are Part Of A LATA For Another State

Rate Center	V	H	LATA/State
Cottagegrove	7109	2998	Owensboro/Kentucky
Cumberland Gap	6660	2280	Winchester/Kentucky
Cypress	7061	2947	Owensboro/Kentucky
Fork Ridge	6673	2296	Winchester/Kentucky
Michie	7363	2861	Jackson/Mississippi
Puryear	7084	2981	Owensboro/Kentucky
South Fulton	7116	3072	Owensboro/Kentucky
South Guthrie	6951	2822	Owensboro/Kentucky
South Hazel	7072	2986	Owensboro/Kentucky

A18.6 Reserved For Future Use**A18.7 (DELETED)**

(D)

AT&T TENNESSEE

GENERAL EXCHANGE GUIDEBOOK

First Revised Page 22
Cancels Original Page 22

TENNESSEE
ISSUED: March 19, 2016
BY: Joelle Phillips, President - Tennessee
Nashville, Tennessee

EFFECTIVE: March 19, 2016

A18. LONG DISTANCE MESSAGE TELECOMMUNICATIONS SERVICE

A18.8 (DELETED)

A18.9 Reserved For Future Use

A18.10 Reserved For Future Use

(D)

A18. LONG DISTANCE MESSAGE TELECOMMUNICATIONS SERVICE

A18.11 Reserved For Future Use

A18.12 Reserved For Future Use

A18.13 Reserved For Future Use

A18.14 Toll Directory Assistance Call Completion Service

A18.14.1 Description of Service

- A. Toll Directory Assistance Call Completion (DACC) is an optional service provided to users of Toll Directory Assistance (DA) Service. When dialing (555-1212), Toll DA customers may choose to have the number they are requesting dialed by the DA System.
- B. The service is available to Business and Residence customers except as limited in A18.14.4.
- C. Individual message detail is not included as a part of this service.
- D. The service is available only where billing and network capability exists.
- E. Customers may request blocking of DACC calls originating from their lines by contacting the local Company business office.

A18.14.2 General Terms and Conditions

- A. The service is not subject to concessions.

A18.14.3 Use of the Service

- A. The service is furnished subject to all applicable Terms and Conditions in Section A2.

A18.14.4 Limitations of Service

- A. The service is not available for the following classes of service call categories:
 1. UniServ DA number requests
 2. Any Special Line Class Codes
 3. 976 DA number requests
 4. **(DELETED)**
 5. Any PBX type customer who requires real-time notification of charges, i.e., HOBIC
 6. Calls from tandems where the end user cannot be identified
 7. Calls from AT&T and IPP Coin Stations

(D)

A18.14.5 Application of Charges and Exemptions

- A. The charges specified in A18.14.6 will be applicable to all subscribers, except disabled customers who are exempt from Directory Assistance charges, as detailed in A3.13.2.
- B. Chargeable Calls
 1. For charging purposes, a DACC completed call is as defined in Section A1.

A18.14.6 Rates and Charges

- A. Service Charges
 - (1) Directory Assistance Call Completion Charge

(a) Charge Per Completed Call

Rate
\$0.00

USOC
NA