

BELLSOUTH
TELECOMMUNICATIONS, INC.
KENTUCKY
ISSUED: February 16, 1990
BY: M. H. Greene, President - KY
Louisville, Kentucky

ACCESS SERVICES TARIFF

PSC KY. TARIFF 2E
First Revised Page 1
Cancels Original Page 1
EFFECTIVE: September 17, 1990

E10. MILEAGE MEASUREMENT AND LATA CONFIGURATIONS

(C)

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E10.1 Mileage Measurement

E10.1.1 General

- A.** This section contains the information necessary to compute the mileage on which certain Access Service rates are based. The method described here is used for computing the mileage for both Switched and Special Access Service.
- B.** The rate mileage for Access Service is the airline distance measured between two serving wire centers. The two serving wire centers may be:
 1. The Interexchange Carrier (IC) serving wire center and the end user serving wire center
 2. The IC serving wire center and a HUB serving wire center
 3. The IC serving wire center and a Bridging serving wire center
 4. The IC serving wire center and a point of interconnection with another Company.
 5. A HUB serving wire center and an end user serving wire center
 6. A Bridging serving wire center and an end user serving wire center, or
 7. Two IC serving wire centers.
- C.** Each serving wire center has a unique set of vertical and horizontal (V & H) coordinates. These coordinates are used for calculating the airline distance between the two serving wire centers.

E10.1.2 Mileage Calculation

- A.** Mileage is calculated as follows:
 1. Using the area code (NPA) and the first three digits of the local exchange telephone number (NXX) of each serving wire center, look up the V & H coordinates of the associated serving wire center.
 2. Obtain the difference between the V coordinates. Then obtain the difference between the H coordinates. (The difference is always obtained by subtracting the smaller from the larger.)
 3. Square the differences.
 4. Add the squares of the two differences.
 5. Divide the sum of the squares by 10.
 6. Take the square root of the result obtained in 5. The resultant number is the airline miles between the wire centers. (Rounded to next full mile.)

E10.1.3 Example

The mileage between an IC's serving wire center at Louisville, Kentucky (Telephone Number 502-560-XXXX) and an end user serving wire center at Frankfurt, Kentucky (Telephone Number 502-223-XXXX) is determined as follows:

A. Serving Wire Center Location

Louisville, Kentucky (Area code - 502, NXX 560)

Frankfurt, Kentucky (Area code - 502, NXX 223)

1. Serving Wire Center
 - a. Louisville, Kentucky
 - (1) V-6528 H-2773
 - b. Frankfurt, Kentucky
 - (1) V-6464 H-2636

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E10.1 Mileage Measurement (Cont'd)

(N)

E10.1.3 Example (Cont'd)

(N)

B. Differences

(N)

1. $V-6528 \text{ minus } V-6464 = 64$

(N)

2. $H-2773 \text{ minus } H-2636 = 137$

(N)

C. Differences Squared

(N)

1. $64_{2-F9} = 4,096$

(N)

2. $137_{2-F9} = 18,769$

(N)

D. Total of Differences

(N)

$4,096 + 18,769 = 22,865$

(N)

E. Total of Differences Divided by 10

(N)

$22,865 \text{ divided by } 10 = 2,286.5$

(N)

F. Square Root of 2,286.5 = 47.82

(N)

Rounded = 48

(N)

The airline distance between Louisville, Kentucky and Frankfurt, Kentucky, equals 47.82 miles. The monthly rate for Local Transport or Special Transport would thus be based on the rate for 48 miles.

(N)

E10.2 Reserved For Future Use

(M)

E10.3 LATAS

(M)

(DELETED)

(D)(M)

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E10.3 LATAS (Cont'd)

E10.3.1 LATA Configurations

E10.3.2 Louisville

The following exchanges are included in the Louisville LATA

EXCHANGES

BAGDAD
BARDSTOWN
Battletown
BEDFORD
BLOOMFIELD
Bradfordsville
Brandenburg
Burkesville

CAMPBELLSBURG
Campbellsville
Caneyville
CARROLLTON
Cecilia
Central, In¹
CHAPLIN
CHARLESTOWN, IN¹
Clarkson
Columbia
Corydon, In¹
Crandall, In¹
Custer

Edmonton
Elizabeth, In¹
Elizabethtown
EMINENCE

Fairplay
Finchville
Fountain Run
FRANKFORT

Note 1: This exchange is not located within the specified state boundary, but is located within the specified LATA.

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E10. MILEAGE MEASUREMENT AND LATA CONFIGURATIONS

E10.3 LATAS (Cont'd)

E10.3.2 Louisville (Cont'd)

(DELETED)	GALENA, IN ¹ Gamaliel Georgetown, In GHENT Glasgow Greensburg Henryville, In ¹ Hiseville Hodgenville Irvington Jamestown JEFFERSONVILLE, IN ¹ La Grange Laconia, In ¹ Lanesville, In ¹ LAWRENCEBURG Leavenworth, In ¹ Lebanon LEBANON JUNCTION Leitchfield Loretto LOUISVILLE Lucas Marengo, In ¹ Milltown, In ¹ MILTON MOUNT EDEN Mount Washington	(D)
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E10. MILEAGE MEASUREMENT AND LATA CONFIGURATIONS

E10.3 LATAS (Cont'd)

E10.3.2 Louisville (Cont'd)

NEW ALBANY, IN¹
 NEW HAVEN
 NEW LIBERTY
 New Middletown, In¹
 NEW WASHINGTON, IN¹
 North Garrett

OWENTON

Palmyra, In¹
 Payneville
 Pekin, In¹
 PORT ROYAL

Radcliff
 Ramsey, In¹
 ROSE TERRACE
 Russell Springs

(DELETED)

(D)

Scottsville
 SELLERSBURG, IN¹
 SHELBYVILLE
 Shepherdsville
 SIMPSONVILLE
 South Hardin

(DELETED)

(D)

SULPHUR
 Summer Shade

TAYLORSVILLE
 Temple Hill
 Tompkinsville

Vine Grove

WADDY
 WEST POINT

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E10. MILEAGE MEASUREMENT AND LATA CONFIGURATIONS

E10.3 LATAS (Cont'd)

E10.3.2 Louisville (Cont'd)

Zoneton

E10.3.3 Owensboro

The following exchanges are included in the Owensboro LATA.

EXCHANGES

- Adiarville
- Arlington
- Auburn
- AURORA

- Bandana
- Bardwell
- Barlow
- BEAVER DAM
- Bee Springs
- BENTON
- BLUFF SPRINGS
- Bonnieville
- BOWLING GREEN
- BREMEN
- Brownsville
- Buffalo

- CADIZ
- CALHOUN
- Calvert City
- Canmer
- CANTON
- Cave City
- CAYCE
- Center

(M)

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E10. MILEAGE MEASUREMENT AND LATA CONFIGURATIONS

E10.3 LATAS (Cont'd)

E10.3.3 Owensboro (Cont'd)

EXCHANGES

CENTERTOWN	(M)
CENTRAL CITY	(M)
CLAY	(M)
CLINTON	(M)
CLOVERPOT	(M)
Columbus	(M)
CORYDON	(M)
Cottagegrove	(N)
CROFTON	(M)
Cunningham	(M)
Cypress	(N)

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E10. MILEAGE MEASUREMENT AND LATA CONFIGURATIONS

(C)

E10.3 LATAS (Cont'd)

E10.3.3 Owensboro (Cont'd)

DAWSON SPRINGS
DIXON
DRAKESBORO
Dunmor

EARLINGTON
EDDYVILLE
ELKTON
ENSOR

Fairdealing
Fancy Farm
Farmington
Folsomdale
FORDSVILLE
FRANKLIN
FREDONIA
FULTON

Gage
GILBERTSVILLE
GRACEY
GREENVILLE
GUTHRIE

HABIT
HANSON
Hardin
HARDINBURG
HARTFORD
HAWESVILLE
Hazel
Heath
HEBBARDSVILLE
HENDERSON
HICKMAN
HOPKINSVILLE
Horse Cave

ISLAND

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E10. MILEAGE MEASUREMENT AND LATA CONFIGURATIONS

E10.3 LATAS (Cont'd)

E10.3.3 Owensboro (Cont'd)

Kevil

Kirksey

La Center

LA FAYETTE

Lewisburg

Lewisport

LIVERMORE

Logansport

Lowes

Lynn Grove

Lynnville

MACEO

MADISONVILLE

Magnolia

Mammoth Cave

MARION

MAYFIELD

MCDANIELS

Milburn

MORGANFIELD

MORGANTOWN

MORTONS GAP

Munfordville

MURRAY

NEBO

New Concord

NORTONVILLE

OWENSBORO

PADUCA

PANTHER

(M)

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E10. MILEAGE MEASUREMENT AND LATA CONFIGURATIONS

E10.3 LATAS (Cont'd)

E10.3.3 Owensboro (Cont'd)

Park City	(M)
PEMBROKE	(M)
PLEASANT RIDGE	(M)
PRINCETON	(M)
PROVIDENCE	(M)
Puryear	(N)

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E10. MILEAGE MEASUREMENT AND LATA CONFIGURATIONS

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E10.3 LATAS (Cont'd)

E10.3.3 Owensboro (Cont'd)

ROBARDS
Rochester
RUSSELLVILLE

SACRAMENTO
Salem
SEBREE
Sedalia
SHARON GROVE
SLAUGHTERS
Smithland
Smiths Grove
SORGHO
SOUTH FULTON, TN¹
SOUTH GUTHRIE, TN¹
South Hazel, Tn
ST. CHARLES
STANLEY
STURGIS
SYMSONIA

TRENTON

Uniontown
UTICA

WATER VALLEY
WEST LOUISVILLE
WEST Plains
WHITESVILLE
Wickliffe
Wingo
WOODBURN

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E10. MILEAGE MEASUREMENT AND LATA CONFIGURATIONS

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E10.3 LATAS (Cont'd)

E10.3.4 Winchester

The following exchanges are included in the Winchester LATA.

EXCHANGES

Albany
ALLEN
Annville
Ashland
Augusta

Barbourville
BEATTYVILLE
BENHAM-LYNCH
Berea
Blaine
Bledsoe
Booneville
Brodhead
Brooksville
Bryantsville
Buckhorn
BURGIN
Burnside

Campton
Canoe
CARLISLE
Catlettsburg
Chapman
Cody
CORBIN
CORNISHVILLE
CRAB ORCHARD
Cumberland
CUMBERLAND GAP, VA¹
CUMBERLAND GAP, TN¹
CYNTHIANA

DANVILLE
Dover
Dwarf

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E10. MILEAGE MEASUREMENT AND LATA CONFIGURATIONS

E10.3 LATAS (Cont'd)

E10.3.4 Winchester (Cont'd)

EXCHANGES

East Bernstadt
ELKHORN CITY
Eubank
Evarts
Ewing
Ezel

Fallsburg
Faubush
FEDSCREEK
Fernleaf
Fisty
Flat Gap
Flat Lick
Flemingsburg
FORD
FORK RIDGE, TN¹
FREEBURN
Frenchburg

Garrison
GEORGETOWN
Germantown
Grayson
Greenup
Grethel

HARLAN
Harold
HARRODSBURG
Hazard
Hazel Green
Hillsboro
Hindman
Houstonville
Hyden

INEZ
Irvine

(N)

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E10.3 LATAS (Cont'd)**E10.3.4 Winchester (Cont'd)****EXCHANGES**

JACKSON
Jenkins
Jeptha
Johnsville
JUNCTION CITY

KIRKSVILLE

Lancaster
Leatherwood
Lewisburg (Mason)
Lexington
Liberty
LITTLE ROCK
Livingston
LONDON
LOUISA

MACKVILLE

Manchester
MARTIN
Mayslick
MAYSVILLE
MCCARR
MCDOWELL
McKee
Meads
MIDDLE SBORO
Midway
MILLERSBURG
Monticello
MO ORESVILLE
Morehead
Mount Olivet
MOUNT STERLING
Mount Vernon
Mouise

Nancy
NEON
Nicholasville
NORTH MIDDLETOWN

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E10. MILEAGE MEASUREMENT AND LATA CONFIGURATIONS

E10.3 LATAS (Cont'd)

E10.3.4 Winchester (Cont'd)

EXCHANGES

Olive Hill
 Oneida
 Owingsville

Paint Lick
 PAINTSVILLE
 PARIS
 PERRYVILLE
 PIKEVILLE
 Pine Knot
 PINEVILLE
 Pippa Passes
 PRESTONSBURG

RICHMOND
 Royalton
 Russell

SADIEVILLE

(N)

Salt Lick
 SALVISA
 Salyersville
 Sandgap
 Sandy Hook
 Science Hill
 Sharpsburg
 Shopville
 Somerset
 South Shore

SOUTH WILLIAMSON

SPRINGFIELD
 Staffordsville

(N)

STAMPING GROUND

(T)

STANFORD

STANTON
 Stearns-Whitley City
 Stinnet
 STONE

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E10.3 LATAS (Cont'd)

E10.3.4 Winchester (Cont'd)

Tollesboro
Topmost

Vanceburg
Versailles
Vicco
VIRGIE

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E10.3 LATAS (Cont'd)

E10.3.4 Winchester (Cont'd)

EXCHANGES

WACO
WALLINS CREEK
WARFIELD
Washington
WAYLAND
West Liberty
Wheelwright
White Lily
WHITESBURG
WILLIAMSBURG
WILLISBURG
Wilmore
WINCHESTER
WOOTON

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E10.4 Serving Wire Center Listing By NPA And NXX

(N)

Vertical and Horizontal information may now be found in *NATIONAL EXCHANGE CARRIER ASSOCIATION TARIFF, INC.* F.C.C. No. 4.¹

(T)

(DELETED)

(D)

Note 1: See Tariff Addendum Section 1 (FCC #4, sec 29).

(N)