

**FRONTIER MIDSTATES INC.**

Schedule of Rates, Charges, and  
Regulations governing

**LOCAL TELEPHONE EXCHANGE SERVICE**

Applying in the Exchanges of this Company,  
in Michigan, as designated in the Table of  
Contents herein.

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By: Kenneth Mason, Vice President

Rochester, New York

LOCAL TELEPHONE EXCHANGE SERVICE

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FOREIGN EXCHANGE SERVICE

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RATES IN EFFECT AND NO LONGER OFFERED  
FOR NEW INSTALLATIONS

A. GENERAL

1. Foreign Exchange Service is that service furnished to a customer from an exchange (called the Foreign Exchange) other than the one from which he normally would be served (called the Normal Exchange).
2. Foreign Exchange Service may be furnished between exchanges of this Company (called Intracompany Foreign Exchange), or between an exchange of this Company and an exchange of another Company (called Intercompany Foreign Exchange).

B. CONSTRUCTION CHARGES

1. Construction charges for Foreign Exchange Service by means of extended exchange facilities shall be borne by the applicant. When rates are based on toll facilities, construction charges apply in certain cases, as in the provision of normal service.
2. Foreign Exchange Service facilities are constructed by such plant arrangements as are best suited to meet plant and operating requirements.

C. CONDITIONS

1. The customer will contract for service with the Normal Exchange company, and will be a customer of the Normal Exchange company for billing and collecting purposes.
2. The Foreign Exchange Service will be connected to a central office of the Foreign Exchange and will be subject to the same conditions and calling privileges as other services served from that central office.

FOREIGN EXCHANGE SERVICE

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RATES IN EFFECT AND NO LONGER OFFERED  
FOR NEW INSTALLATIONS

C. CONDITIONS (Continued)

3. Foreign Exchange Service as provided in D.1 and D.2 following is limited to subscribers at their present location having such service on or before the following dates:

<u>EXCHANGE</u>	<u>DATE</u>
Addison	October 1, 1970
Alger	July 13, 1961
Baroda	May 10, 1971
Bridgman	May 10, 1971
Burlington	October 1, 1970
Fitchburg	December 1, 1966
Gregory	December 1, 1966
Homer	October 1, 1970
Lacota	August 31, 1960
Lambertville	February 24, 1962
Lawrence	August 31, 1960
Lupton	July 13, 1961
Munith	December 1, 1966
New Glenn	July 19, 1965
Onondaga	December 1, 1966
Parma	January 1, 1977
Prescott	July 13, 1961
Pullman	August 31, 1960
Rives Junction	December 1, 1966
Rose City	July 13, 1961
Sawyer	May 10, 1971
Sterling	July 13, 1961
Stockbridge	December 1, 1966
Tekonsha	October 1, 1970
Webberville	December 1, 1966

4. Intercompany Foreign Exchange Service by means of extended exchange facilities, as set forth in Paragraphs D.1 and D.2 below, is limited to those locations where both companies offer to provide Foreign Exchange Service on that basis, and where both companies offer to provide the class of service in question.

FOREIGN EXCHANGE SERVICE

RATES IN EFFECT AND NO LONGER OFFERED  
FOR NEW INSTALLATIONS

D. RATES FOR FOREIGN EXCHANGE SERVICE

1. Business or residence Foreign Exchange Service from contiguous exchanges is offered in the territory situated within two (2) miles of the common boundary line and under no circumstances in the base rate area and is provided by means of extended exchange facilities at the following rates:

- a. Base monthly rate of the Foreign Exchange for the class of service provided, plus
- b. Cross Boundary Mileage Charge\*

Within Normal Exchange, Party Line, All Classes and Grades

	<u>Monthly Rate</u>
First quarter mile or fraction	\$ 5.00
Additional quarter miles, each	2.00
Additional half miles, each	See quarter mile

\* These rates effective thirty days after November 25, 1980. Rate to be waived from date of customer signed application for service from Normal Exchange to Replace Foreign Exchange. No service charge or construction charges apply to establish Normal Exchange Service in lieu of Foreign Exchange Service. Rates apply regardless of class or grade of service.

Plus (if required)

- c. Special equipment to improve transmission, additional per main station, per month. . . . . \$ 2.00

E. OTHER CHARGES

- 1. Service Connection Charges and any other applicable charges, shall be those specified by the Normal Exchange company.
- 2. Miscellaneous services and equipment associated with the Foreign Exchange main service and provided by the Normal Exchange company will be charged in accordance with the rates of the Normal Exchange company.

LOCAL TELEPHONE EXCHANGE SERVICE

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DESCRIPTION OF TERRITORY SERVED

ADDISON EXCHANGE

<u>County</u>	<u>Townships</u>	<u>Incorporated Cities &amp; Villages</u>
Hillsdale	Pittsford Somerset Wheatland	
Lenawee	Hudson Rollin Rome Woodstock	Addison

ALGER EXCHANGE

Arenac	Moffitt Clayton	
Ogemaw	Mills Horton	
Gladwin	Bourret	

BARODA EXCHANGE

Berrien	Baroda Buchanan Lincoln Oronoko Weesaw	Baroda
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BRIDGMAN EXCHANGE

Berrien	Lake Lincoln	Bridgman
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BURLINGTON EXCHANGE

Calhoun	Burlington Fredonia Newton Tekonsha	
Branch	Girard	

LOCAL TELEPHONE EXCHANGE SERVICE

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DESCRIPTION OF TERRITORY SERVED

FITCHBURG EXCHANGE

<u>County</u>	<u>Townships</u>	<u>Incorporated Cities &amp; Villages</u>
Jackson Ingham	Henrietta Bunkerhill Stockbridge	

GREGORY EXCHANGE

Livingston Washtenaw	Unadilla Lyndon	
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HOMER EXCHANGE

Calhoun	Albion Clarendon Eckford Homer	Homer
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LACOTA EXCHANGE

Allegan Van Buren	Casco Lee Geneva Columbia	
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LAMBERTVILLE EXCHANGE

Monroe	Whiteford Bedford Summerfield Ida Erie La Salle	Ottawa Lake Whiteford Center Lambertville Samaria
Lenawee	Riga	

LOCAL TELEPHONE EXCHANGE SERVICE

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DESCRIPTION OF TERRITORY SERVED

LAWRENCE EXCHANGE

<u>County</u>	<u>Townships</u>	<u>Incorporated Cities &amp; Villages</u>
Van Buren	Lawrence Arlington Hamilton Keeler Hartford Paw Paw Waverly	Lawrence

LUPTON EXCHANGE

Ogemaw	Rose Cumming Hill Goodar Logan
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MORENCI EXCHANGE

Lenawee (Michigan)	Dover Medina Senca	Morenci
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MUNITH EXCHANGE

Jackson	Waterloo Henrietta
---------	-----------------------

NEW GLENN EXCHANGE

Allegan	Ganges Casco
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ONONDAGA EXCHANGE

Ingham	Aurelius Onondaga
Jackson	Tompkins
Eaton	Hamlin

LOCAL TELEPHONE EXCHANGE SERVICE

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DESCRIPTION OF TERRITORY SERVED

PARMA EXCHANGE

<u>County</u>	<u>Townships</u>	<u>Incorporated Cities &amp; Villages</u>
Jackson	Concord Parma Sandstone Spring Arbor Springport Tompkins	Parma

PRESCOTT EXCHANGE

Ogemaw	Richland Logan Mills	Prescott
Iosco Arenac	Burleigh Clayton Mason	

PULLMAN EXCHANGE

Allegan	Casco Lee Ganges Clyde Cheshire Valley	
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RIVES JUNCTION

Jackson	Rives Junction Tompkins Blackman	
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ROSE CITY EXCHANGE

Ogemaw	Rose Cumming Klacking Foster Big Creek Mentor	Rose City
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LOCAL TELEPHONE EXCHANGE SERVICE

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DESCRIPTION OF TERRITORY SERVED

SAWYER EXCHANGE

<u>County</u>	<u>Townships</u>	<u>Incorporated Cities &amp; Villages</u>
Berrien	Chikaming Lake Weesaw	

STERLING EXCHANGE

Arenac	Deep River Clayton Adams	Sterling
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STOCKBRIDGE EXCHANGE

Ingham	Stockbridge	Stockbridge
Jackson	White Oak	
Livingston	Waterloo	
	Iosco	
	Unadilla	
Washtenaw	Lyndon	

TEKONSHA EXCHANGE

Calhoun	Clarendon Fredonia Tekonsha	
Branch	Butler Girard	Tekonsha

WEBBERVILLE EXCHANGE

Ingham	Leroy	Webberville
	White Oak	
Livingston	Handy	
	Iosco	

LOCAL TELEPHONE EXCHANGE SERVICE

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APPLICATION AND ARRANGEMENT OF TARIFF

APPLICATION

1. This Tariff applies to Local Telephone Exchange Services of Frontier Midstates Inc. - hereinafter referred to as the Telephone Company - in exchanges in Michigan as designated herein.
2. Local Telephone Exchange Service is that of furnishing facilities for telephone intercommunication between customers within a Local Service Area.
3. The provision of service is subject to regulations specified in the M.P.S.C. Tariffs of the Telephone Company, which tariffs as they now exist or as they may be revised, added to, or supplemented by superseding issues are hereby made a part of this Tariff.
4. Pursuant to the Michigan Public Service Commission's order dated December 20, 2005 in Case No. U-14731 and the Michigan Telecommunications Act, as amended, MCL 484.2101 et seq.; MSA 22.1469(101) et seq; all rates in this tariff, except for the Primary Basic Local Exchange Service offering, are considered deregulated.
5. Tariff MPSC No. 1R is subject to change by Frontier, including the filing of a replacement tariff in accordance with the requirements of the law.

EXPLANATION OF SYMBOLS

(C) Signifies a changed regulation.

(D) Signifies a discontinued rate, treatment or regulation.

(I) Signifies an increased rate, or new treatment resulting in an increased rate.

(N) Signifies a new rate, treatment or regulation.

(R) Signifies reduced rate or new treatment resulting in reduced rate.

(T) Signifies a change in text but no change in rates or regulations.

(N)

LOCAL TELEPHONE EXCHANGE SERVICE

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APPLICATION OF BOUNDARY DESIGNATIONS  
AND RURAL ZONE CHARGES

A. APPLICATION OF BOUNDARY DESIGNATIONS

1. Boundaries for Base Rate Areas, Locality Rate Area, Rural Zones and the service areas for Exchanges are designated on maps in Tariff M.P.S.C. No. 1.
2. Each establishment is within only one Exchange Service Area except as provided in 3 below.
3. Where the boundary is designated as a road (street or highway) the area includes that side of the highway on which are located the general plant facilities serving both sides of the highway. When such facilities are located on the near side of the highway, a customer located on the opposite side is considered to be within the area if he can be served by a drop wire using not more than one additional pole, or if he is within 150 feet of the highway centerline; when the general facilities are located on the far side of the boundary, a customer on that side is considered to be within the area if he can be served by means of a drop wire not requiring any additional poles.
4. Where the boundary is designated as the center of the road (street or highway), each side of the road is in a different service area.
5. Where the boundary is designated as a river (stream) or railroad, each side of the river or railroad is in a different service area.
6. Where the boundary divides a lake; the shore of the lake is in different service areas in accordance with the boundary designation at the shore line.
7. Where the boundary is designated as a Township Section Line or a specified distance from a Township Section Line, customers are served in accordance with their location with respect to such boundary line. When such a line is other than the section line or one quarter or one half mile from a section line, the location of the boundary line with respect to the section line will be shown in feet or fractional miles on the Tariff Map Sheet.
8. Where a boundary coincides with a municipal, township, county, etc., boundary, customers are served in accordance with their location with respect to such a boundary.

LOCAL TELEPHONE EXCHANGE SERVICE

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A. RATE GROUP CLASSIFICATIONS

1. Rates for basic exchange service are based on the rate group component and the Extended Area Service component as shown on the succeeding pages. The Extended Area Service component does not apply to 1-Party Business Service, 1-Party Residence Service or other services billed at 1-Party Business or Residence rates.
2. The rate group component is based on the number of main station terminals in the total Local Service Area, as follows:

<u>Rate Group</u>	<u>Main Station Terminals</u>
1	0 - 1,000
2	1,001 - 2,000
3	2,001 - 4,000
4	4,001 - 8,000
5	8,001 - 16,000
6	16,001 - 32,000
7	32,001 - 64,000
8	64,001 - 128,000
9	128,001 - 256,000

3. The Extended Area Service component of the basic exchange service rate (excluding 1-Party Business and 1-Party Residence basic service rates) is based on the relative number of main stations in the "home" exchange and the Extended Area Service Exchanges as shown by use of Table 1 and Table 2, following.
4. When either the rate group or the Extended Area Service component has been out-of-step for a period of twelve consecutive months, the company will reclassify the exchange into the proper rate group and Extended Area Service component at the same time by filing the appropriate tariff sheets with the Commission.
5. When Extended Area Service points are added or deleted, the rate group component and the Extended Area Service component of the basic exchange service rate will be determined based on the main station terminals at the time the Extended Area Service change is made.

LOCAL TELEPHONE EXCHANGE SERVICE

B. BASIC EXCHANGE SERVICE COMPONENT - MONTHLY RATES

	Rate Group 1	Rate Group 2	Rate Group 3	Rate Group 4	Rate Group 5	Rate Group 6	Rate Group 7	Rate Group 8	Rate Group 9		
<b><u>Business PBX Trunks (A)</u></b>											
Month-to-Month, each	\$36.25	\$36.25	\$36.25	\$36.25	\$36.25	\$36.25	\$36.25	\$36.25	\$36.25	\$36.25	(l)
12-Month Term *	22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00	
36-Month Term *											
200 and under lines, each	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	
36-Month Term *											
over 200 lines, each	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50	
<b><u>Business 1-Party (A)</u></b>											
	<b>Rate</b>										
Month-to-Month, each	37.00										
12-Month Term *	21.75										
36-Month Term *											
200 and under lines, each	20.75										
36-Month Term *											
Over 200 lines, each	19.75										
Customer Owned Coin-Operated Telephone Service <sup>1</sup>	29.10										
<b><u>Residence</u></b>											
1-Party Value Pak-100 (B) <sup>2,3,5</sup>	25.00										

- (A) Local message unit per-call charge of \$0.04 applies per originating completed call within the Local Calling Area.
- (B) Local message unit per-call charge of \$0.04 applies per originating completed call within the Local Calling Area. Value Pak-100 allows for no fewer than 100 outgoing voice calls per month, unlimited incoming calls, and not less than 12,000 outgoing minutes per month.

\* The Line Connection Charge in Paragraph D of the Service Charge Section does not apply to the installation of lines offered on a 1 and 3-year term commitment basis in this section of the tariff.

**TERMINATION LIABILITY AGREEMENT:**

In the event Service is terminated by the customer prior to completion of the initial term commitment period, the customer shall be liable for payment of termination liability charges as set forth in Tariff M.P.S.C. No. 7R, GENERAL REGULATIONS, TERMINATION LIABILITY.

The customer agrees that by ordering and subscribing to a term agreement for business dial tone telephone services, Frontier shall waive the line connection charges on said order, where applicable. The customer further agrees that should said services be discontinued within the first 12 months of the contract start date, the customer shall repay the original waived charges as an early termination penalty, in addition to 25% of the monthly line charge, for the number of months remaining in the agreement.

- <sup>1</sup> Rules and Regulations for Customer Owned Coin-Operated Telephone Service are shown elsewhere in Tariff M.P.S.C. No. 1R.
- <sup>2</sup> Basic Exchange Service does not include the provision of a station.
- <sup>3</sup> Residential service with Touch Call Service.
- <sup>5</sup> Value Pak-100 is available to qualified customers with disabilities, and authorized volunteers of non-profit organizations, or volunteers of chartered veterans organizations without normal message unit charges.

LOCAL TELEPHONE EXCHANGE SERVICE

B. BASIC EXCHANGE SERVICE COMPONENT - MONTHLY RATES (Cont'd)

Residence Rates Packages

Rate Groups	1	2	3	4	5	
Main	1	1,501	6,001	30,001		
Terminal	thru	thru	thru	thru	Over	
Counts	1,500	6,000	30,000	180,000	180,000	
One-Party Unlimited (B) <sup>1</sup>	38.00	38.00	38.00	38.00	38.00	(l)
One-Party Unlimited (B) <sup>1, 2</sup>	38.00	38.00	38.00	38.00	38.00	(l)
One-Party Value Pak-60 (A) <sup>1, 2</sup>	27.50	27.50	27.50	27.50	27.50	
One-Party Value Pak-60 (A) <sup>1</sup>	27.50	27.50	27.50	27.50	27.50	
One-Party Econo Pak-0 (C) <sup>1</sup>	26.25	26.25	26.25	26.25	26.25	
One-Party Econo Pak-0 (C) <sup>1, 2</sup>	26.25	26.25	26.25	26.25	26.25	

- (A) Local message unit at \$.04 applies per originating completed call within the Local Calling Area. A usage allowance of up to 60 calls is credited to total usage charges.  
 (B) Unlimited service - no local message unit charges apply.  
 (C) Local message unit at \$.04 applies per originating completed call within the Local Calling Area.

**TERMINATION LIABILITY AGREEMENT:**

In the event Service is terminated by the customer prior to completion of the initial term commitment period, the customer shall be liable for payment of termination liability charges as set forth in Tariff M.P.S.C. No. 7R, GENERAL REGULATIONS, TERMINATION LIABILITY.

The availability of Exchange Telephone Service within a particular exchange is limited to the classes and grades of service indicated in schedules found in Tariff M.P.S.C. No. 1R Sheets 3.2 - 3.12.

All calls to 911 emergency service; calls to the Telephone Company Business Office, Directory Assistance, and Repair Service; and operator completed calls will be exempt from Message unit charges.

<sup>1</sup> Basic Exchange Service does not include the provision of a station.

<sup>2</sup> Residential service without Touch Call Service is restricted to current customers at existing locations.

LOCAL TELEPHONE EXCHANGE SERVICE

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C. ROTARY SERVICE

(N)

Rotary service on one party lines (excluding PBX) is an additional \$4.00 per month per line.

D. EXTENDED AREA SERVICE CHARGE

1. Extended Area Service (EAS) is that service between two exchanges which is offered on a toll-free basis; i.e., the Local Service Area includes an additional exchange(s) other than the "home" exchange.
2. A monthly EAS charge made for each basic exchange service (excluding 1-Party Business, 1-Party Residence and other services billed at 1-Party Business or Residence rates) within an exchange which has EAS, in addition to the rates set forth in Paragraph B., preceding.
3. The EAS component (monthly EAS charge) of the basic exchange service rate for each exchange is calculated as follows:
  - a. Determine the Main Terminal Element by:
    - (1) Using the Main Terminal Element Table (Table 1), following, locate in the outside left-hand column the total number of main terminals located within the exchange boundary of the "home" exchange.
    - (2) Using the same Table, locate in the outside top row the total number of terminals located within the extended area, but outside the exchange boundary of the "home" exchange.
    - (3) The Main Terminal Element is found at the intersection of the row and column determined in 3.a.(1) and 3.a.(2) preceding.
  - b. Total EAS Mileage is determined by:
    - (1) Obtaining the mileage distance between each EAS point, using the procedure as outlined in that section of M.P.S.C. Tariff No. 7 entitled "Mileage Measurements."
    - (2) Summing the EAS mileage figures for each EAS route.
  - c. Determine the EAS monthly charge by:
    - (1) Using the EAS Additional Monthly Rate Table (Table 2), following, locate the Main Terminal Element in the outside left-hand column, and the EAS total mileage in the outside top row.
    - (2) The EAS monthly charge is found at the intersection of the row and column determined in 3.c.(1), preceding.

LOCAL TELEPHONE EXCHANGE SERVICE

D. EXTENDED AREA SERVICE CHARGE (Continued)

TABLE 1  
MAIN TERMINAL ELEMENT TABLE  
EAS TERMINALS

1 to <u>1,000</u>	1,001 to <u>2,000</u>	2,001 to <u>4,000</u>	4,001 to <u>8,000</u>	8,001 to <u>16,100</u>	16,001 to <u>32,000</u>	32,001 to <u>64,000</u>	64,001 to <u>128,000</u>	128,001 to <u>256,000</u>
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Main Terminals  
Home Exchange

	1	2	3	4	5	6	7	8	9
1 to 1,000	1	2	3	4	5	6	7	8	9
1,001 to 2,000	.9	1	2	3	4	5	6	7	8
2,001 to 4,000	.8	.9	1	2	3	4	5	6	7
4,001 to 8,000	.7	.8	.9	1	2	3	4	5	6
8,001 to 16,000	.6	.7	.8	.9	1	2	3	4	5
16,001 to 32,000	.5	.6	.7	.8	.9	1	2	3	4

TABLE 2  
EAS ADDITIONAL MONTHLY RATE TABLE  
TOTAL EAS ROUTE MILES

1 to <u>5</u> \$	6 to <u>9</u> \$	10 to <u>13</u> \$	14 to <u>17</u> \$	18 to <u>21</u> \$	22 to <u>25</u> \$	26 to <u>29</u> \$	30 to <u>33</u> \$
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Main Terminal  
Element  
(Table 1)

.6	1.20	1.40	1.60	1.80	2.00	2.20	2.40	2.60
.7	1.40	1.60	1.80	2.00	2.20	2.40	2.60	2.80
.8	1.60	1.80	2.00	2.20	2.50	2.60	2.80	3.00
.9	1.80	2.00	2.20	2.40	2.60	2.80	3.00	3.20
1	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40
2	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60
3	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80
4	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00
5	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20
6	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40
7	3.20	3.40	3.60	3.80	4.00	4.20	4.40	4.60



LOCAL TELEPHONE EXCHANGE SERVICE

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E. LOCAL SERVICE OFFERINGS

(D)

(D)

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Issued on the authority of Public Act 179 of 1991, as amended

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By: Jack Phillips, Director - Government and External Affairs  
14450 Burnhaven Dr, Burnsville MN Jack.Phillips@ftr.com

952-435-1373

LOCAL TELEPHONE EXCHANGE SERVICE

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F. LOCAL SERVICE AREAS

<u>Exchange</u> <sup>1</sup>	<u>Local Service Area</u>
Addison	Addison, Adrian, Brooklyn, Bundy Hill, Hudson, Clayton, North Adams, Onsted, Osseo
Alger	Alger, Prescott, Sterling, West Branch
Baroda	Baroda, Berrian Springs, Bridgman, Buchanan, Sawyer, St. Joseph, Galien
Bridgman	Baroda, Bridgman, Sawyer, St. Joseph
Burlington	Battle Creek, Burlington, Marshall, Tekonsha, Union City
Fitchburg	Dansville, Fitchburg, Gregory, Jackson, Leslie, Munith, Stockbridge
Glenn	Fennville, Ganges, Glenn, Pullman, South Haven
Gregory	Chelsea, Fitchburg, Fowlerville, Gregory, Pinckney, Stockbridge
Homer	Albion, Concord, Homer, Litchfield, Marshall, Texonsha
Lacota	Bangor, Grand Junction, Lacota, Pullman, South Haven
Lambertville	Blissfield, Erie, Ida, Lambertville, Lost Peninsula, North Sylvania, Petersburg, Temperance, Toledo
Lawrence	Bangor, Decatur, Dowagiac, Lawrence, Hartford, Paw Paw
Lupton	Hale, Lupton, Prescott, Rose City, Sixty Lakes, West Branch
Morenci	Clayton, Hudson, Morenci, Sand Creek, Waldron, Chesterfield OH
Munith	Chelsea, Fitchburg, Grass Lake, Jackson, Munith, Stockbridge

<sup>1</sup> Calls made to a telephone number with an NPA NXX that is associated with the rate center that is within the customer's local calling area are local calls regardless of the physical location of the called party.

LOCAL TELEPHONE EXCHANGE SERVICE

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F. LOCAL SERVICE AREAS (Continued)

(N)

<u>Exchange</u> <sup>1</sup>	<u>Local Service Area</u>
Onondaga	Eaton Rapids, Leslie, Mason, Onondaga, Rives Junction, Springport
Parma	Albion, Concord, Jackson, Parma, Rives Junction, Springport
Prescott	Alger, Hale, Lupton, Omer, Prescott, Sterling, Twining, West Branch, Whittemore
Pullman	Allegan, Bloomingdale, Fennville, Ganges, Glenn, Grand Junction, Lacota, Pullman, South Haven
Rives Junction	Jackson, Leslie, Onondaga, Parma, Rives Junction, Springport
Rose City	Lupton, Mio, Rose City, Sixty Lakes, West Branch
Sawyer	Baroda, Bridgman, Gallen, New Buffalo, Sawyer, Three Oaks
Sterling	Alger, Omer, Prescott, Standish, Sterling
Stockbridge	Chelsea, Dansville, Fitchburg, Fowlerville, Gregory, Munith, Stockbridge, Webberville
Tekonsha	Burlington, Coldwater, Homer, Litchfield, Marshall, Tekonsha, Union City
Webberville	Bell Oak, Dansville, Fowlerville, Stockbridge, Webberville, Williamston

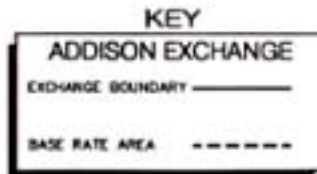
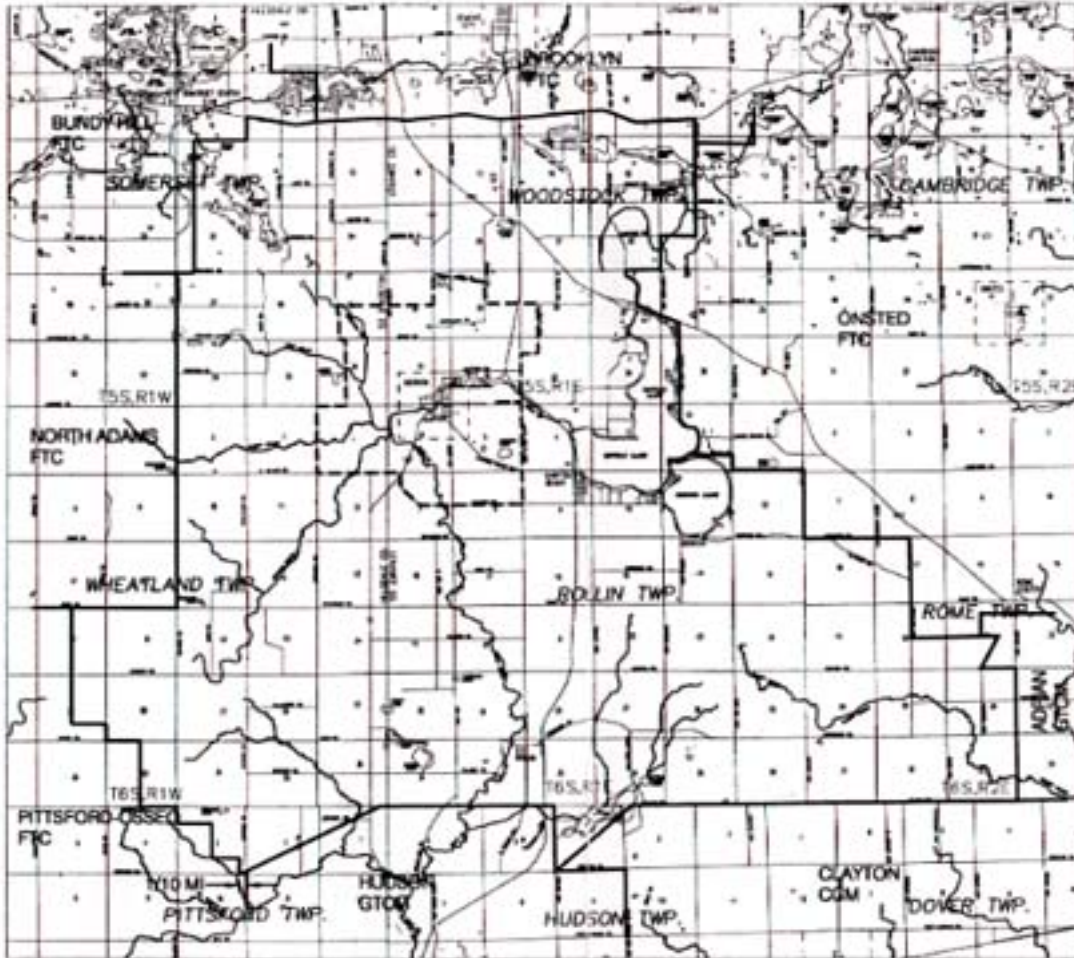
<sup>1</sup> Calls made to a telephone number with an NPA NXX that is associated with the rate center that is within the customer's local calling area are local calls regardless of the physical location of the called party.

ADDISON

TARIFF

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EXCHANGE AREA



LOCAL TELEPHONE EXCHANGE SERVICE

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Exchange:        ADDISON

BASE RATE AREA - Which is that area described as follows:

Beginning at the intersection of Somerset Road and the east-west quarter line of Section 25, T5S, R1W, Somerset Township, Hillsdale County; east to US 127; north to Pine Road; in a southeasterly direction along Pine Road to Herold Highway; south to the east-west quarter line of Section 29, T5S, R1E, Woodstock Township, Lenawee County; east to N. Rollin Highway; southerly along said highway to Manitou Road; west and northwest along said road to N. Adams Road; west to Somerset Road; north to Addison Road; east to Somerset Road; northerly along said road to the point of beginning.

EXCHANGE SERVICE AREA - Which is that area described as follows:

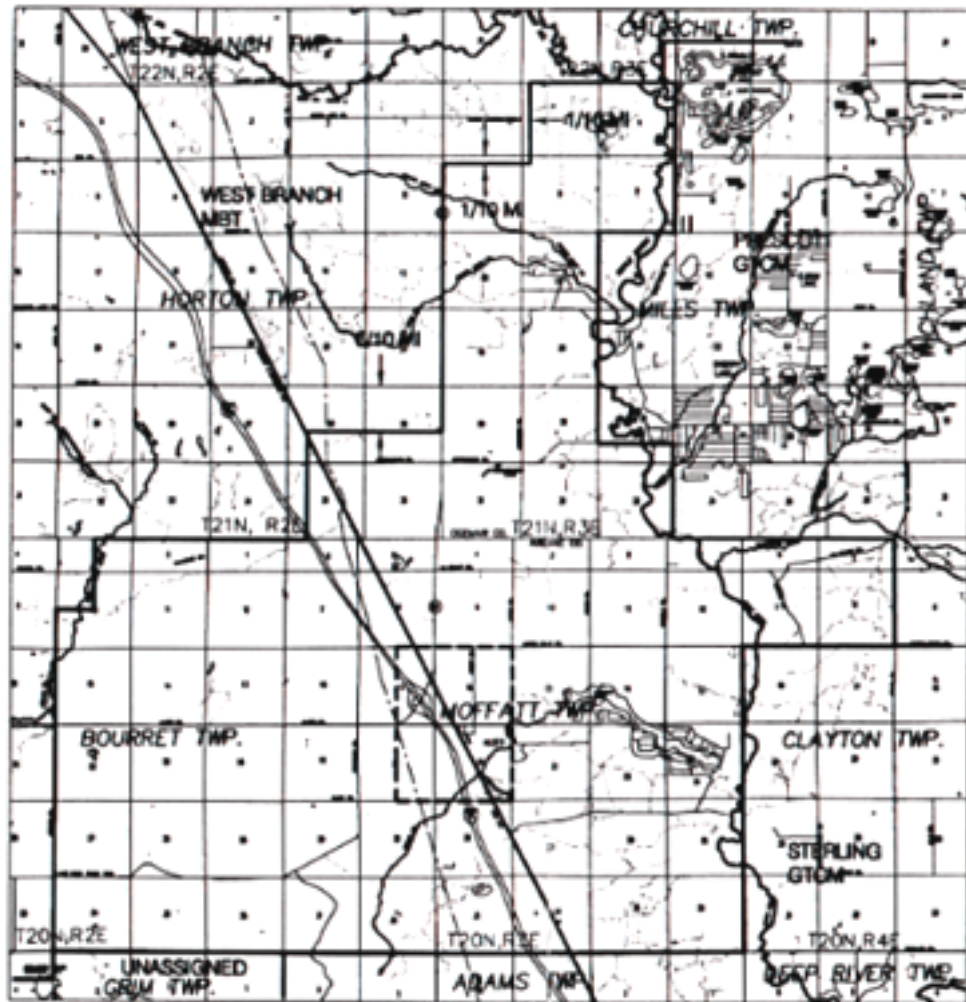
Beginning at the intersection of US 12 and the west line of Section 11, T5S, R1W, Somerset Township, Hillsdale County; easterly along US 12 to Round Lake Highway; south to Sanford Road; west to Parkhurst Highway; south to the southeast corner of Section 22, Woodstock Township, Lenawee County; west to Devil's Lake Highway; southerly along said highway to US 223; southeasterly along US 223 to Round Lake Highway; southerly along said highway to Mills Road; easterly along said road to Hallenbeck Highway; south to the northwest corner of Section 12, Rollin Township; east to the northeast corner of said section; south to Woerner Road; east to Southard Highway; south to the east-west quarter line of Section 20, Rome Township; east to the south 1/8 post of the northeast quarter of Section 21; southwesterly to the south 1/4 post of said section; east to the northeast corner of Section 28; south to Plank Road; west to the east shoreline of Posey Lake; southwesterly to the southwest corner of Section 4, Hudson Township; north to Plank Road; west to a point 1/8 mile west of the east line of Section 36, Wheatland Township, Hillsdale County; southwesterly to a point on Beecher Road 1/10 mile from the intersection of said road and Gardner Road; north to the east-west eighth line of the south half of Section 3, Pittsford Township; west to the north-south quarter line of said section; north to the east-west eighth line of the north half of said section; west to the west 1/8 post of the northwestern quarter of said section; north to the northwest corner of said section, west to the south 1/4 post of Section 33, Wheatland Township; north to Bacon Road; west to Kelso Road; north to the east 1/8 post of the southeast quarter of Section 29; west to the north-south quarter line of said section; north to Wood Road; east to the southwest corner of Section 15; north to the southwest corner of Section 22, Somerset Township; east to the south 1/8 post of the southwest quarter of said section; north to the north 1/8 post of the northwest quarter of Section 15; east to the northeast corner of said section; north to the point of beginning.

ALGER

TARIFF

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EXCHANGE AREA



LOCAL TELEPHONE EXCHANGE SERVICE

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Exchange: ALGER

BASE RATE AREA - Which is that area described as follows:

Section 16, Section 21, and east half of Section 20 and Section 17, Moffitt Township, Arenac County.

EXCHANGE SERVICE AREA - Which is that area described as follows:

Beginning at the 1/4 post on the north line of Section 3, T21N, R2E, Bourrett Township, Gladwin County; east to the south 1/8 post of the southeast quarter of Section 35, Horn Township, Ogemaw County; north to a point 6/10 mile south of the north line of Section 26; east to M-33; north to a point 1/10 mile south of the north line of Section 7, Mills Township; east to a point 1/10 mile east of the east line of said section; north to the north line of Section 5; east to the northeast corner of Section 4; south to the northeast corner of Section 16; west to the northwest corner of Section 16, south to a point 1/4 mile north of the south line of Section 28, Mills Township; east to the east line of said section; south to the southeast corner of Section 33; east to Melita Road; south to Maple Ridge Road; west to the northeast corner of Section 13, Moffitt Township, Arenac County; south to the southeast corner of Section 36; west to the southwest corner of Section 34, Bourrett Township, Gladwin County; north to the 1/4 post on the west line of Section 10, east to the center of Section 10, north to the point of beginning.

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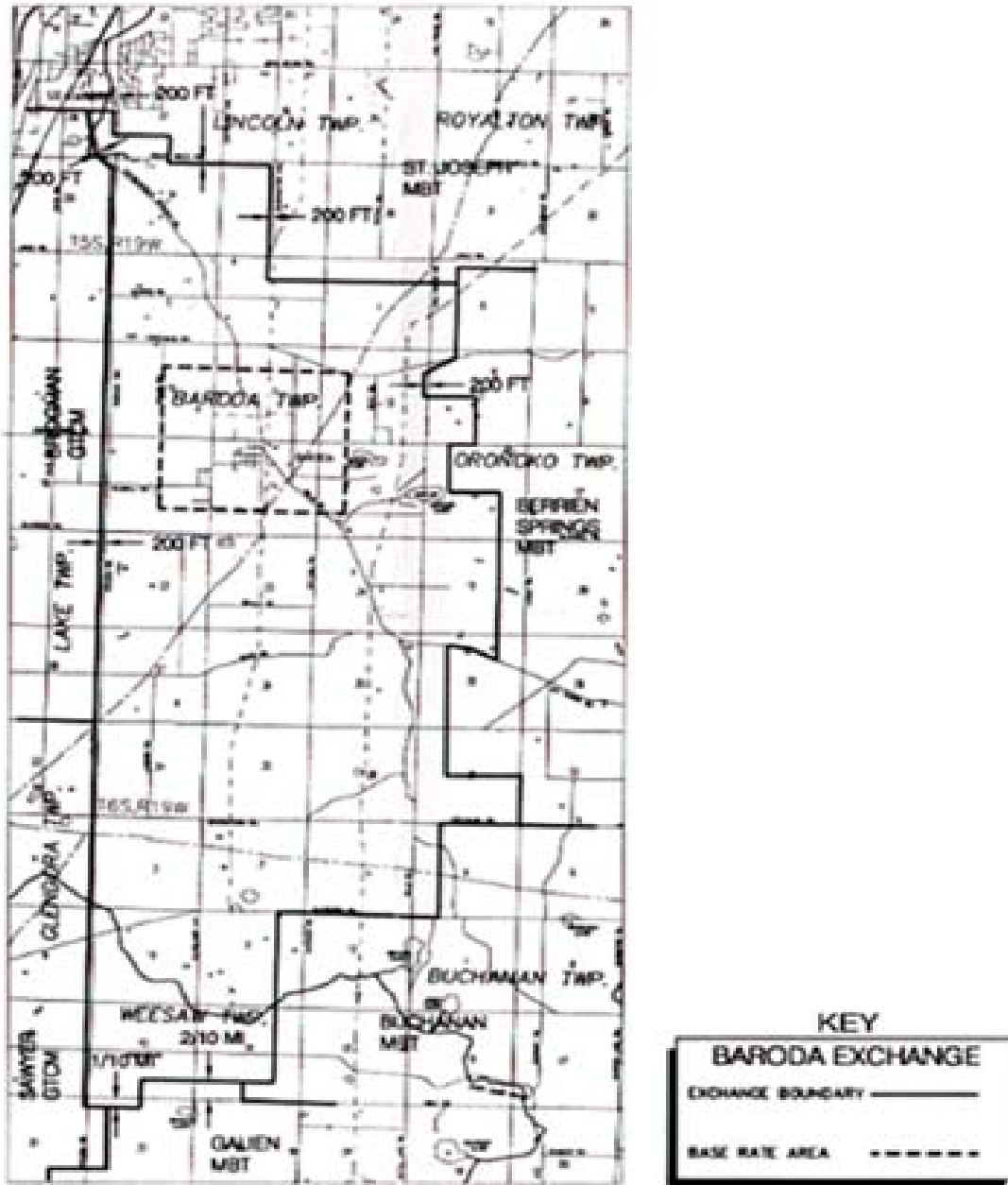
Rochester, New York

BARODA

TARIFF

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EXCHANGE AREA





LOCAL TELEPHONE EXCHANGE SERVICE

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Exchange: **BARODA**

BASE RATE AREA - Which is that area described as follows:

That area bounded by a line beginning at a point on Keehn Road 1/4 mile south of Hinchman Road; east to a point 1/4 mile east of the west line of Section 12, Baroda Township, Berrien County; south to a point 1/4 mile north of the south line of Section 13; west to the north-south 1/4 line of Section 15; north to the point of beginning.

EXCHANGE SERVICE AREA - Which is that area described as follows:

Beginning at a point on the centerline of Johnson Road which is 200 feet west of the Stevensville-Baroda Road in Section 28, T5S, R19W, Lincoln Township, Berrien County; east to a point 200 feet west of Holden Road; south to the east-west eighth line of the south half of Section 28; east to the north-south quarter line of Section 27; south to a point 200 feet south of Rocky Week Road; east to a point 200 feet west of Washington Road; south to the east-west eighth line of the north half of Section 2, Baroda Township; east to the north-south eighth line of the west line of Section 6, Oronoko Township; south to Hinchman Road; southwesterly to a point on the east-west eighth line of the north half of Section 12, Baroda Township, which is 200 feet west of Hollywood Road; south to the east-west quarter line of said section; east to the north-south quarter line of Section 7, Oronoko Township; south to Lemon Creek Road; west to the north 1/8 post of the northwest quarter of Section 18; south to the east-west quarter line of said section; east to the north-south eighth line of the east half of said section; south to Snow Road; northwesterly along said road to the north-south eighth line of the west half of Section 30; south to the east-west quarter line of Section 31; east to the north-south line of said section; south to Brown Town Road; west to the south 1/8 post of the southwest quarter of Section 31; south to Glendora Road; west to the north 1/8 post of the northeast quarter of Section 11, Weesaw Township; south to a point 2/10 mile north of the south line of Section 14; west to the north-south quarter line of Section 15; south to a point 1/10 mile south of Kaiser Road; west to a point 200 feet west of Holden Road; north to a point 200 feet south of the Stevensville-Baroda Road, northwest, maintaining a distance of 200 feet from said road to the point of beginning.

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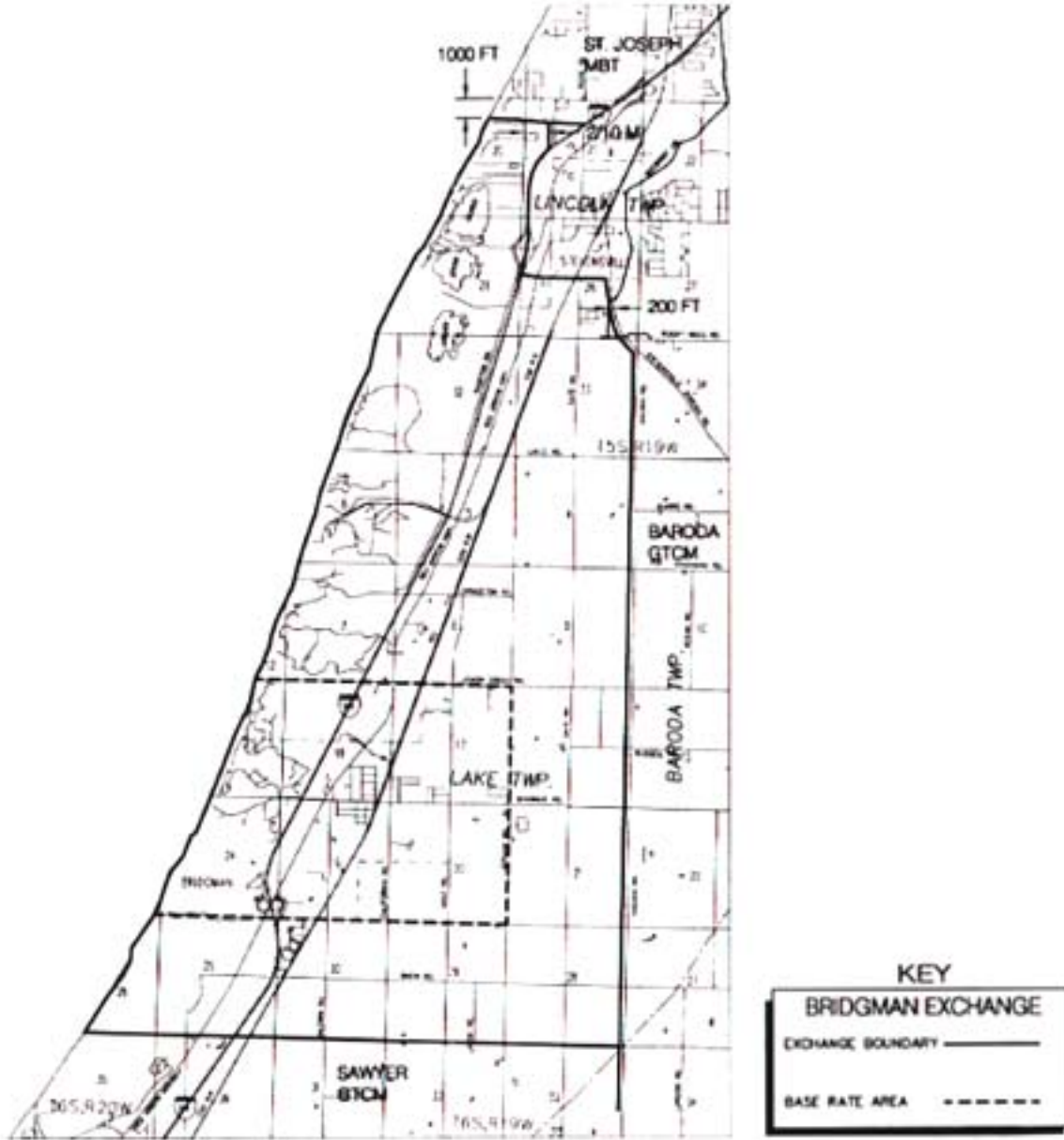
Rochester, New York

BRIDGMAN

TARIFF

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EXCHANGE AREA



LOCAL TELEPHONE EXCHANGE SERVICE

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Exchange: BRIDGMAN

BASE RATE AREA - Which is what area described as follows:

That area bounded by the line commencing at the intersection of Lake Michigan and the north line of Section 13, Lake Township, Berrien County; east to Jericho Road; south to the southeast corner of Section 20; west to the shore of Lake Michigan; northeasterly along the shore of Lake Michigan to the point of beginning.

EXCHANGE SERVICE AREA - Which is that area described as follows:

Beginning at a point on the shoreline of Lake Michigan which is 1000 feet south of the north line of Section 20, T5S, R19W, Lincoln Township, Berrien County; east to a point 2/10 mile east of Notre Dame Road; south to I-94; southwesterly along I-94 to a line extending due west from the centerline of Johnson Road; east along the extended line and the centerline of Johnson Road to a point 200 feet west of the Stevensville-Baroda Road; southeasterly, maintaining a distance of 200 feet from said road to a point 200 feet west of Holden Road; south to the south line of Section 28, Lake Township; west to the shoreline of Lake Michigan; northeasterly along said shoreline to the point of beginning.

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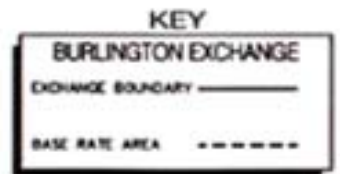
Rochester, New York

BURLINGTON

TARIFF

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EXCHANGE AREA



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Rochester, New York

LOCAL TELEPHONE EXCHANGE SERVICE

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Exchange: BURLINGTON

BASE RATE AREA - Which is what area described as the exchange service area below.

EXCHANGE SERVICE AREA - Which is that area described as follows:

Beginning at the west 1/4 post of Section 30, T3S, R6W, Fredonia Township, Calhoun County; south to the west 1/4 post of Section 31; east to the north-south quarter line of Section 32; south to the east-west quarter line of Section 17, Tekonsha Township; southeast on a diagonal through the southeast corner of said section to a point in Section 21 which is 1/5 mile southeast of Aldrich Road, southwest on a line parallel to and 1/5 mile southeast of said road to a point 3/10 mile east of Thirteen Mile Road; south to the east-west quarter line of Section 5, Girard Township, Branch County; west to the west 1/4 post of Section 6; north to the northeast corner of Section 36, Burlington Township, Calhoun County; west to the southwest corner of Section 28; north to the northwest corner of Section 23; west to Eight-and-a-half Mile Road; north to the north line of Section 4, east to the southwest corner of Section 35, Newston Township; north to Oak Grove Road; northeasterly along said road to the east-west quarter line of Section 26; east to the point of beginning.

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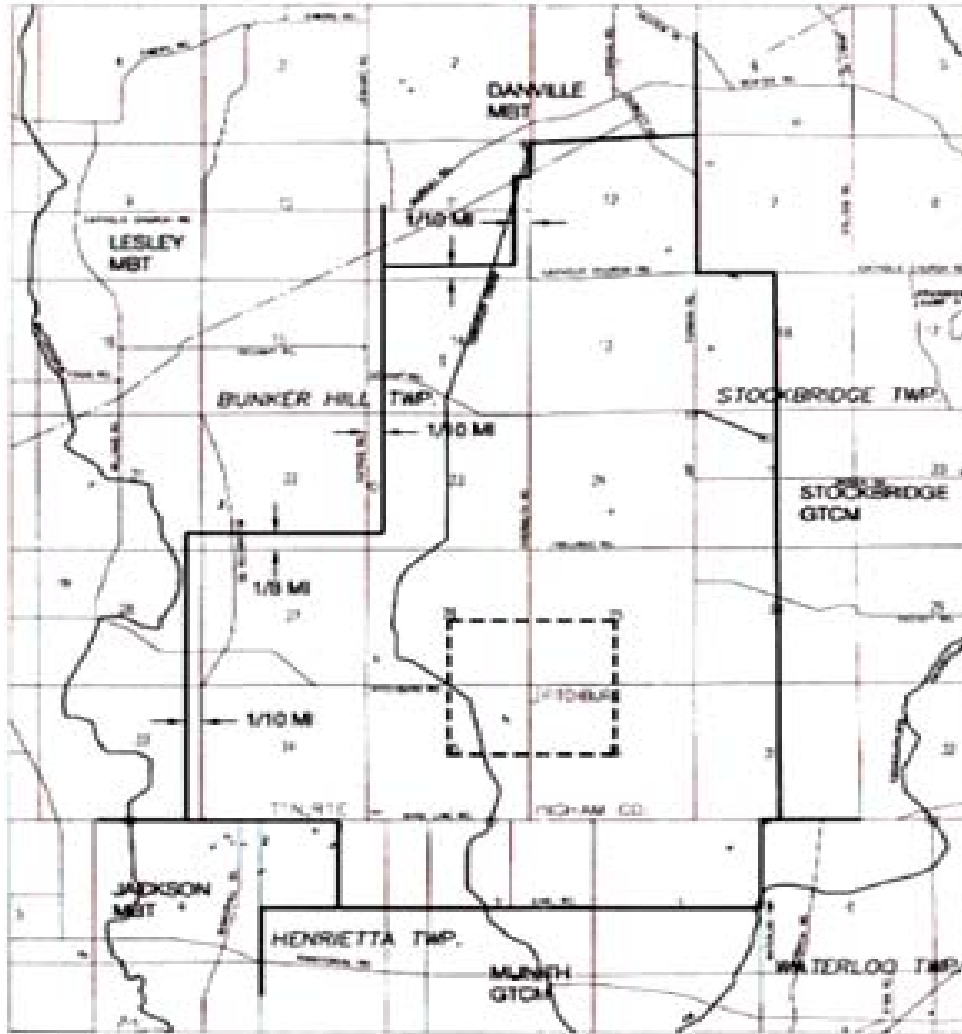
Rochester, New York

FITCHBURG

TARIFF

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EXCHANGE AREA



LOCAL TELEPHONE EXCHANGE SERVICE

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Exchange: FITCHBURG

BASE RATE AREA - Which is that area described as follows:

Southwest 1/4 of Section 25; the southeast 1/4 of Section 26; the northeast 1/4 of Section 35; and the northwest 1/4 of Section 36, all in Bunkerhill Township, T1N, R1E, Ingham County, Michigan.

EXCHANGE SERVICE AREA - Which is that area described as follows:

Beginning at the northwest corner of Section 12, T1N, R1E, Bunkerhill Township, Ingham County; east to the northeast corner of said section; south to Catholic Church Road; east to the north 1/4 post of Section 18, Stockbridge Township; south to Base Line Road; west to the northeast corner of Section 1, Henrietta Township, Jackson County; south to the 1/4 post of Section 1, west to the north-south quarter line of Section 3, north to Base Line Road, west to a point 1/10 mile west of the west line of Section 34, Bunkerhill Township, Ingham County; north to a point 1/8 mile north of the south line of Section 21; east to a point 1/10 mile east of the west line of Section 23; north to a point 1/10 mile north of the south line of Section 11; east to a point 1/10 mile west of Catholic Church Road; north to the east-west eighth line of the north half of Section 11; east to the east line of said section; north to the point of beginning.

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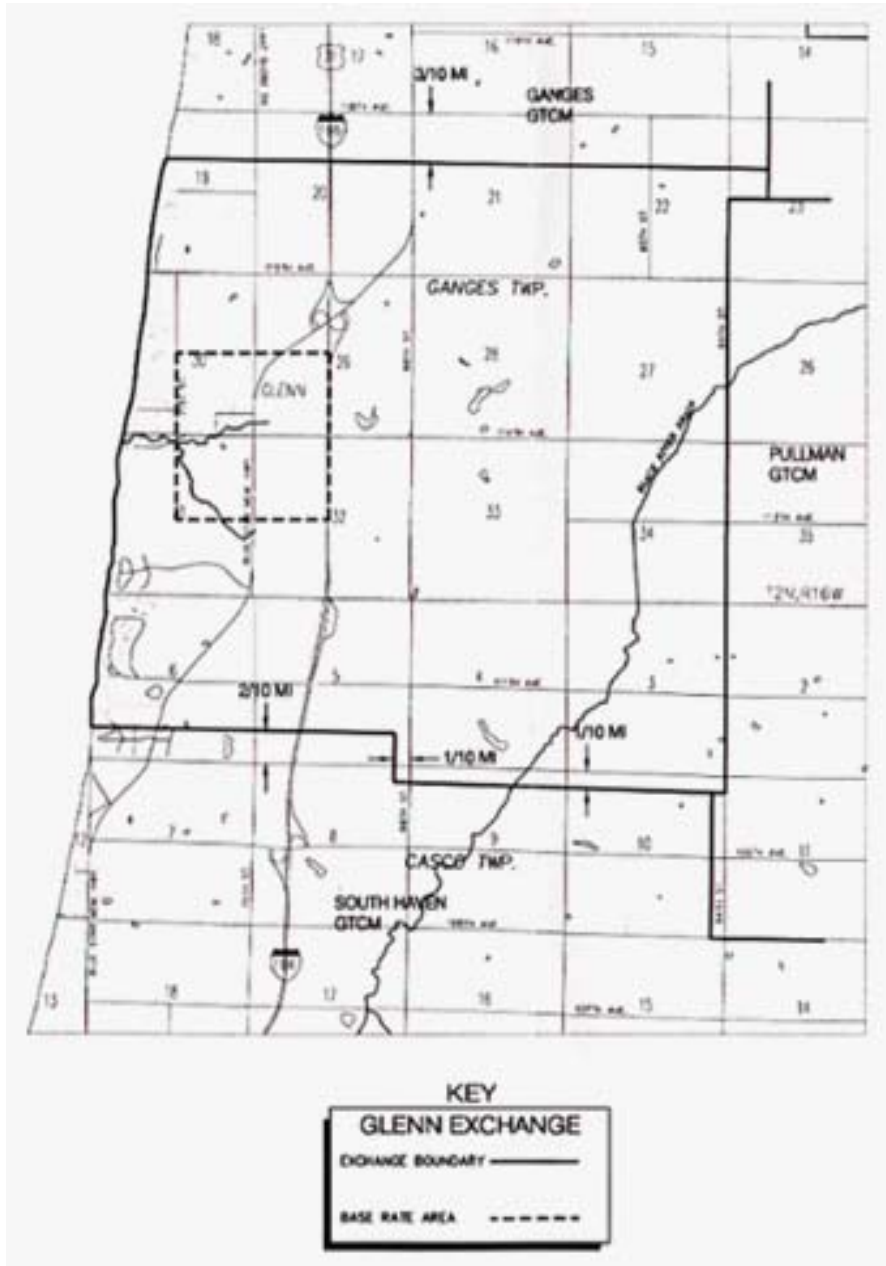
Rochester, New York

GLENN

TARIFF

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EXCHANGE AREA





LOCAL TELEPHONE EXCHANGE SERVICE

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Exchange: GLENN

BASE RATE AREA - Which is that area described as follows:

The southwest quarter of Section 29, the southeast quarter of Section 30, the northeast quarter of Section 31, and the northwest quarter of Section 32, all in Ganges Township, Allegan County, Michigan.

EXCHANGE SERVICE AREA - Which is that area described as follows:

Beginning at a point on the shoreline of Lake Michigan which is 3/10 mile south of the north line of Section 19, T2N, R16W, Ganges Township, Allegan County; east to the north-south eighth line of the west half of Section 23; south to the east-west quarter line of said section; west to 64th Street; south to a point 1/10 mile south of 109th Avenue; west to a point 1/10 mile west of 68th Street; north to a point 2/10 mile north of 109th Avenue; west to the shoreline of Lake Michigan; northerly along said shoreline to the point of beginning.

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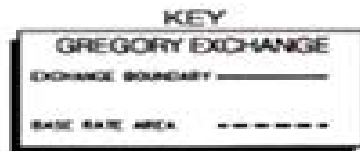
Rochester, New York

GREGORY

TARIFF

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EXCHANGE AREA



LOCAL TELEPHONE EXCHANGE SERVICE

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Exchange: GREGORY

BASE RATE AREA - Which is that area described as follows:

East 1/2 of Section 22 and the West 1/2 of Section 21, T1N, R3E, Unadilla Township, Livingston County.

EXCHANGE SERVICE AREA - Which is that area described as follows:

Beginning at the northwest corner of Section 4, T1N, R3E, Unadilla Township, Livingston County; east to Gregory Road; south to Wasson Road; east to the north-south eighth line of the west half of Section 3; south to Spears Road; east to the northeast corner of Section 13; south to the center of Patterson Lake; southwesterly through said lake to the stream connecting said lake and Watson Lake; along the center of said stream and southwesterly and then southeasterly through Watson Lake to the stream connecting said lake and Half Moon Lake; along the center of said stream and into Half Moon Lake to the east line of Section 1, Lyndon Township, Washtenaw County; south to the southeast corner of Section 12; west to the south 1/4 post of Section 11; south to the center of Section 14; west to the west 1/4 post of Section 15; north to the northwest corner of said section; west to the southwest corner of Section 9; north to the west 1/8 post of the northwest quarter of Section 4; west to the west 1/8 post of the northwest quarter of Section 5; north to Bowdish Road; east to the south 1/4 post of Section 32, Unadilla Township, Livingston County; north to the south 1/4 post of Section 8, east to the southeast corner of Section 8; north to the point of beginning.

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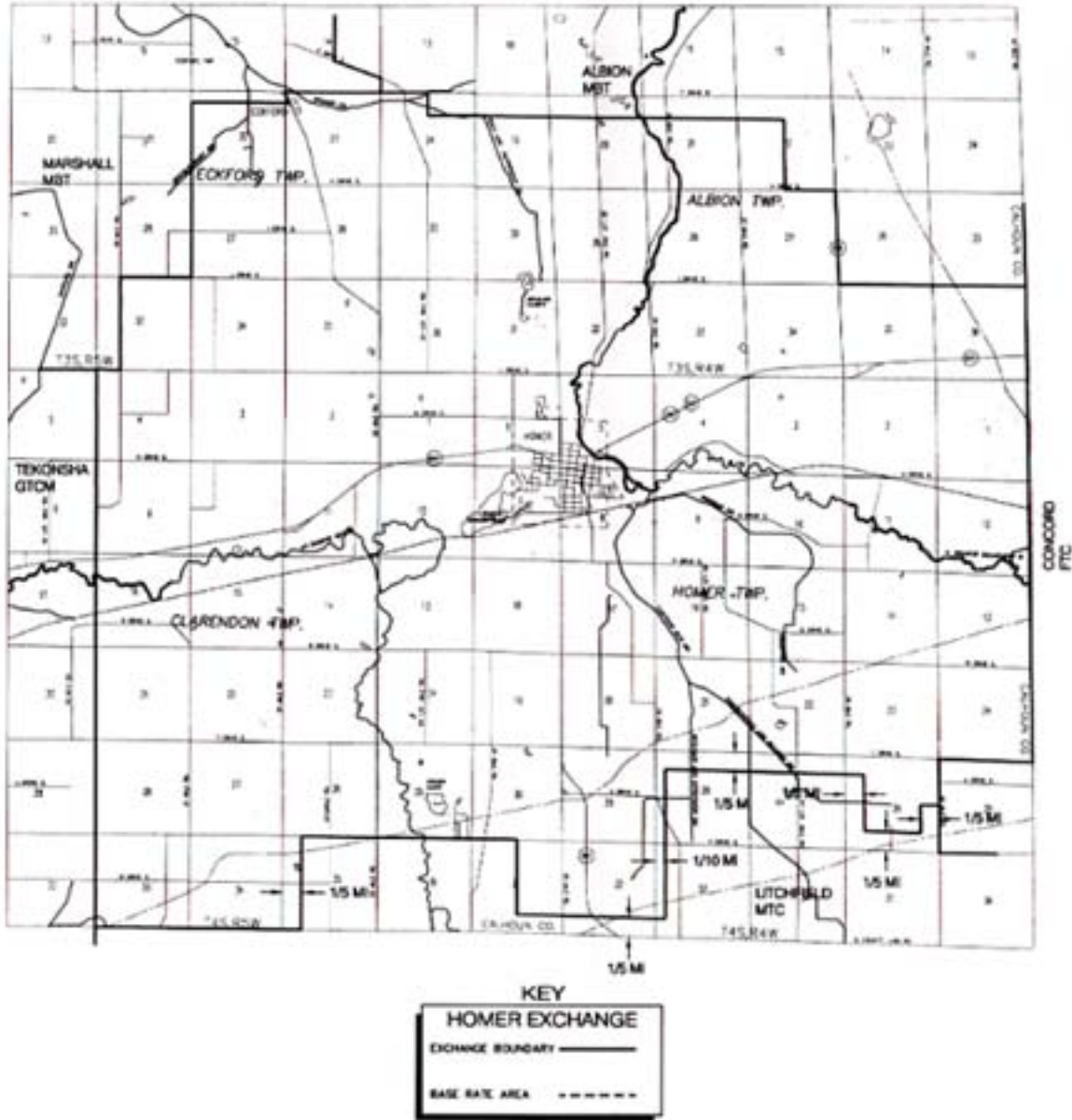
Rochester, New York

HOMER

TARIFF

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EXCHANGE AREA



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Rochester, New York

LOCAL TELEPHONE EXCHANGE SERVICE

---

Exchange: HOMER

BASE RATE AREA - Which is that area described as the exchange service area below.

EXCHANGE SERVICE AREA - Which is that area described as follows:

Beginning at a point 1/8 mile south of the northwest corner of Section 22, T3S, R5W, Eckford Township, Calhoun County; east to Twenty-Two Mile Road; northwest along said road to the northwest corner of Section 23; east to the north 1/4 post of Section 24; south to the east-west eighth line of the north half of said section; east to the north-south quarter line of Section 22, Albion Township; south to H Drive South; east to Twenty-Eight Mile Road; south to J Drive South; east to Van Wert Road; south to the southeast corner of Section 24, Homer Township; west to Twenty-Nine Mile Road; south to the east 1/4 post of Section 26; west 1/5 mile; south to a point 1/5 mile north of V Drive South; west to a point 1/5 mile east of Twenty-Eight Mile Road; north to a point 1/5 mile south of the north line of Section 26; west to a point 1/10 mile east of the east line of Section 29; south to a point 1/5 mile north of South County Line Road, west to the north-south quarter line of Section 31; north to the north line of said section; west to a point 1/5 mile east of Twenty-Two Mile Road; south to South County Line Road; west to the southwest corner of Section 33, Claredon Township; north to L Drive South; east to Twenty-and-a-half Mile Road; north to J Drive South; east to the southwest corner of Section 27, Eckford Township; north to the point of beginning.

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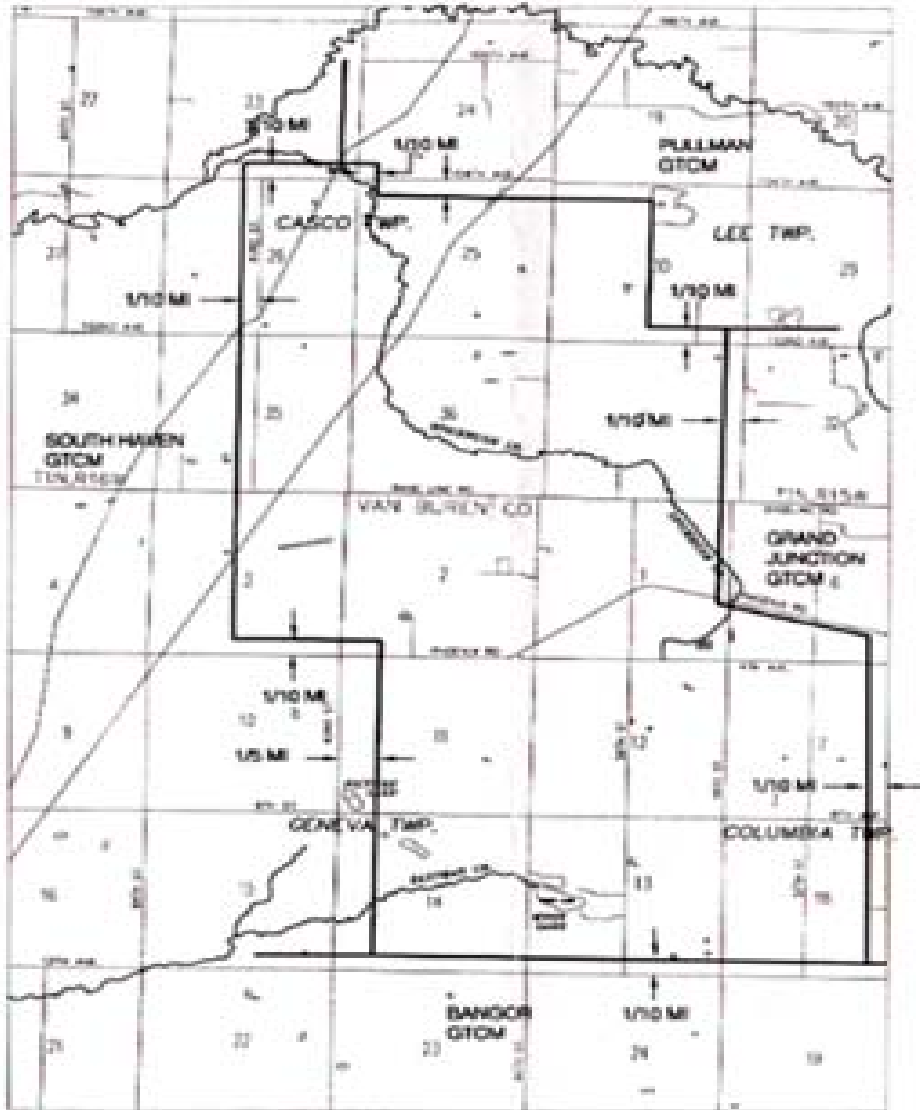
Rochester, New York

LACOTA

TARIFF

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EXCHANGE AREA



LOCAL TELEPHONE EXCHANGE SERVICE

---

Exchange: LACOTA

BASE RATE AREA - Which is that area described as the exchange service area below.

EXCHANGE SERVICE AREA - Which is that area described as follows:

Beginning at a point 1/10 mile west and 1/10 mile north of the intersection of 63rd Street and 104th Avenue in Section 23, T1N, R16W, Casco Township, Allegan County; east to a point 1/10 mile east of 62nd Street; south to a point 1/10 mile south of 104th Avenue; east to the north-south quarter line of Section 30, Lee Township; south to a point 1/10 mile north of 102nd Avenue; east to a point 1/10 mile west of 58th Street; south to the Penn Central Railroad track in Van Buren County; southeasterly along said railroad track to a point 1/10 mile west of 57th Street; south to a point 1/10 mile north of 12th Avenue; west to a point 1/5 mile east of 62nd Street; north to a point 1/10 mile north of Phoenix Road; west to a point 1/10 mile west of the north-south quarter line of Section 3, Geneva Township; north to the point of beginning.

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LAMBERTVILLE

TARIFF

EXCHANGE AREA



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Rochester, New York



LOCAL TELEPHONE EXCHANGE SERVICE

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Exchange: LAMBERTVILLE

BASE RATE AREA - Which is that area described as follows:

That area bounded by the line commencing on the Lambertville and Temperance Exchange boundary on Erie Road 1/10 mile west of Crabb Road; north 5/10 mile; west 8/10 mile; north one mile parallel to and 1/10 mile east of Lewis Road; west one mile; north one mile to a point 1/10 mile east of Jackman Road and 5/10 mile north of Rauch Road; west two and 2/10 miles; south one and 4/10 miles to a point 1/10 mile west of Secor Road and 1/10 mile north of Samaria Road; west one and 4/10 miles to a point 5/10 mile east of Whiteford Road; due south to a point 1/4 mile north of Temperance Road; two miles west to the centerline of US 23; south along said centerline to the exchange boundary; east following the exchange boundary back to the point of beginning.

EXCHANGE SERVICE AREA - Which is that area described as follows:

Beginning at the intersection of Ida Center and Summerfield Roads, T7S, R6E Summerfield Township, Monroe County; east along Ida Center Road to the south 1/4 post of Section 18, Ida Township; north 1/10 mile; east to a point 1/10 mile east of Secor Road; south to a point 1/10 mile south of Todd Road; east to the Ann Arbor Railroad; southeasterly along said railroad to a point 1/10 mile north of Morocco Road; east to a point 200 feet west of Maybee Road; south to a point 1/10 mile south of Morocco Road; east to a point 1/10 mile east of Strasburg Road; south to the east-west quarter line of Section 5, Erie Township; west to a point 1/10 mile west of Strasburg Road; south to a point 1/10 mile north of Samaria Road; west to a point 1/10 mile east of Cemetery Road; south to a point 1/5 mile south of Samaria Road; west to a point 1/10 mile east of Minx Road; south to Erie Road; west on Erie Road to a point 1/10 mile west of Douglas Road; south to the east-west quarter line of Section 17, Bedford Township; west to the north-south eighth line of the east half of said section; south to a point 700 feet north of Temperance Road; west to the centerline of Secor Road; south to the east-west eighth line of the north half of Section 20; east 3/20 mile; south to a point 1/10 mile south of Consear Road; east to the north-south quarter line of Section 20; south to the east-west eighth line of the south half of said section; east to a point 1/10 mile west of Douglas Road; south to the east-west quarter line of section 29; east to a point 200 feet west of Douglas Road; south to a point 300 feet south of Sterns Road; east to a point 150 feet east of Douglas Road; south to the Detroit, Toledo and Ironton

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Issued: August 17, 2010

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By: Kenneth Mason, Vice President

Rochester, New York

LOCAL TELEPHONE EXCHANGE SERVICE

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Exchange: LAMBERTVILLE

EXCHANGE SERVICE AREA (Continued)

Railroad; southeasterly along said railroad to a point which is 3/20 mile due east of Douglas Road; south to a point 200 feet south of Lambertville Road; southeast remaining 200 feet off Lambertville Road to the north line of Section 4; east to the north-south eighth line of the east half of Section 4; south to the Michigan-Ohio state line which is 1/4 mile west of the east line of said section; west to the south 1/4 post of Section 1, Whiteford Township; north to a point 150 feet north of Smith Road; west to the north-south eighth line of the west half of Section 35; south to a point 150 feet south of the south line of said section; west to the Penn Central Railroad track; northwesterly along said railroad track to a point 150 feet north of Yankee Road; west to a point 1/10 mile east of Rodesiler Road in Lenawee County; north to the south line of Section 24, Riga Township, east to the south 1/4 post of said section; north to a point 1/10 mile north of Riga Road; east to a point 1/10 mile east of the west line of Section 19, Whiteford Township, Monroe County; north to a point 1/10 mile south of the east-west quarter line of Section 18; west 2/10 mile to a point in Lenawee County; north to a point 1/10 mile south of Fike Road; east to a point in Monroe County 1/10 mile east of South County Line Highway; north to a point 1/10 mile south of Samaria Road; west to a point in Lenawee County 3/20 mile west of South County Line Highway; north to a point 1/5 mile south of Goetz Road; east to the north-south quarter line of Section 6, Whiteford Township, Monroe County; south to the east-west quarter line of said section; east to a point 1/10 mile east of Stone Quarry Road; north to Goetz Road; east to Bacon Road; north to Morocco Road; east to the southwest corner of Section 25, Summerfield Township; north to the point of beginning.

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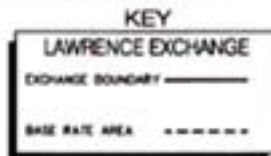
Rochester, New York

LAWRENCE

TARIFF

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EXCHANGE AREA



LOCAL TELEPHONE EXCHANGE SERVICE

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Exchange: LAWRENCE

BASE RATE AREA - Which is that area described as follows:

Beginning at the northwest corner of Section 10, Township of Lawrence, Van Buren County, Michigan; 1/2 mile east; 1 and 1/4 mile south; 1 mile west; 1/4 mile north; 1/4 mile west; 1/2 mile north; 1/4 mile east, 1/2 mile north; 1/2 mile east to the point of beginning.

EXCHANGE SERVICE AREA - Which is that area described as follows:

Beginning at the southwest corner of Section 31, T2S, R15W, Arlington Township, Van Buren County; northeast to the northeast corner of said section; northeasterly to the intersection of 38th Avenue and 54th Street; northeasterly to the intersection of 36th Avenue and 52nd Street; west to 46th Street; south to the northwest corner of Section 30, Waverly Township; east to the north 1/8 post of the northeast quarter of said section; south to the east-west eighth line of the south half of said section; west to the north-south eighth line of the west half of said section; south to 48th Avenue; west to the northeast corner of Section 1, Lawrence Township; south to the Chesapeake and Ohio Railroad track; southeasterly along said track to the north-south quarterline of Section 18, Paw Paw Township; south to 64th Avenue; west to 46th Avenue; south to 70th Avenue; east to 48th Street; south to 76th Avenue; west to 56th Street; south to Territorial Road; southwesterly along said road to M-51; north to 64th Avenue; east to the south 1/8 post of the southwest quarter of Section 19, Lawrence Township, north to the north 1/8 post of the northwest corner of said section; west to M-51; north to the point of beginning.

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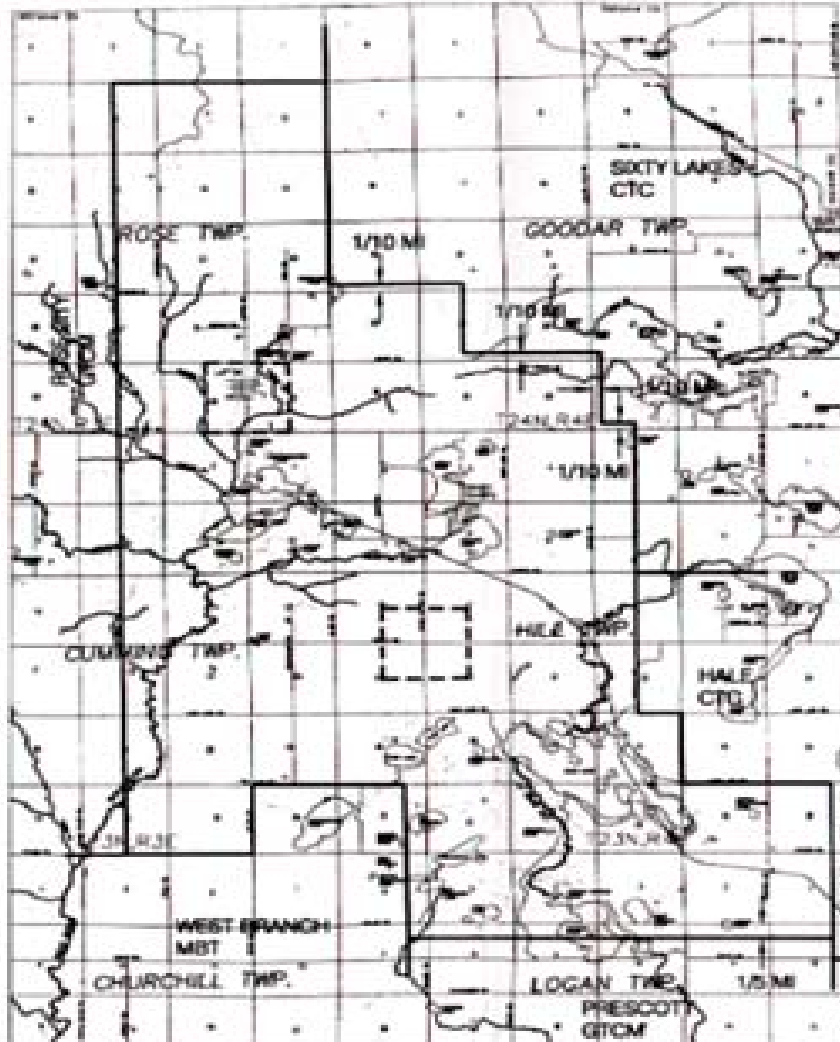
Rochester, New York

LUPTON

TARIFF

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EXCHANGE AREA



LOCAL TELEPHONE EXCHANGE SERVICE

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Exchange: LUPTON

North: Beginning at the north 1/4 post of Section 35, T24N, R3E, Rose Township, Ogemaw County; east to the north 1/4 post of Section 36; south to the south 1/4 post of said section; west to the south 1/4 post of Section 35; north to the point of beginning.

South: Beginning at the center of Section 18, T23N, R4E, Hill Township, Ogemaw County; east to the center of Section 17; south to the center of Section 20; west to the center of Section 19; north to the point of beginning.

EXCHANGE SERVICE AREA - Which is that area described as follows:

Beginning at the north 1/4 post of section 10, T24N, R3E, Rose Township, Ogemaw County; east to the northwest corner of Section 7, Goodar Township; south to a point 1/10 mile north of the south line of Section 19; east to the north-south quarter line of Section 20; south to a point 1/10 mile north of the south line of Section 29; east to a point 1/10 mile east of the west line of Section 27; south to a point 1/10 mile north of the south line of Section 34; east to the north-south quarter line of said section; south to the north 1/4 post of Section 27, Hill Township; east to the northeast corner of said section; south to the southeast corner of said section; east to the north 1/8 post of the northeast quarter of Section 36; south to a point 1/5 mile south of Marsh Road; west to the north-south eighth line of the east half of Section 7, Logan Township; north to the north 1/8 post of the northeast quarter of Section 31, Hill Township; west to the northeast corner of Section 33, Cumming Township; south to the southeast corner of said section; west to the south 1/4 post of Section 34; north to the point of beginning.

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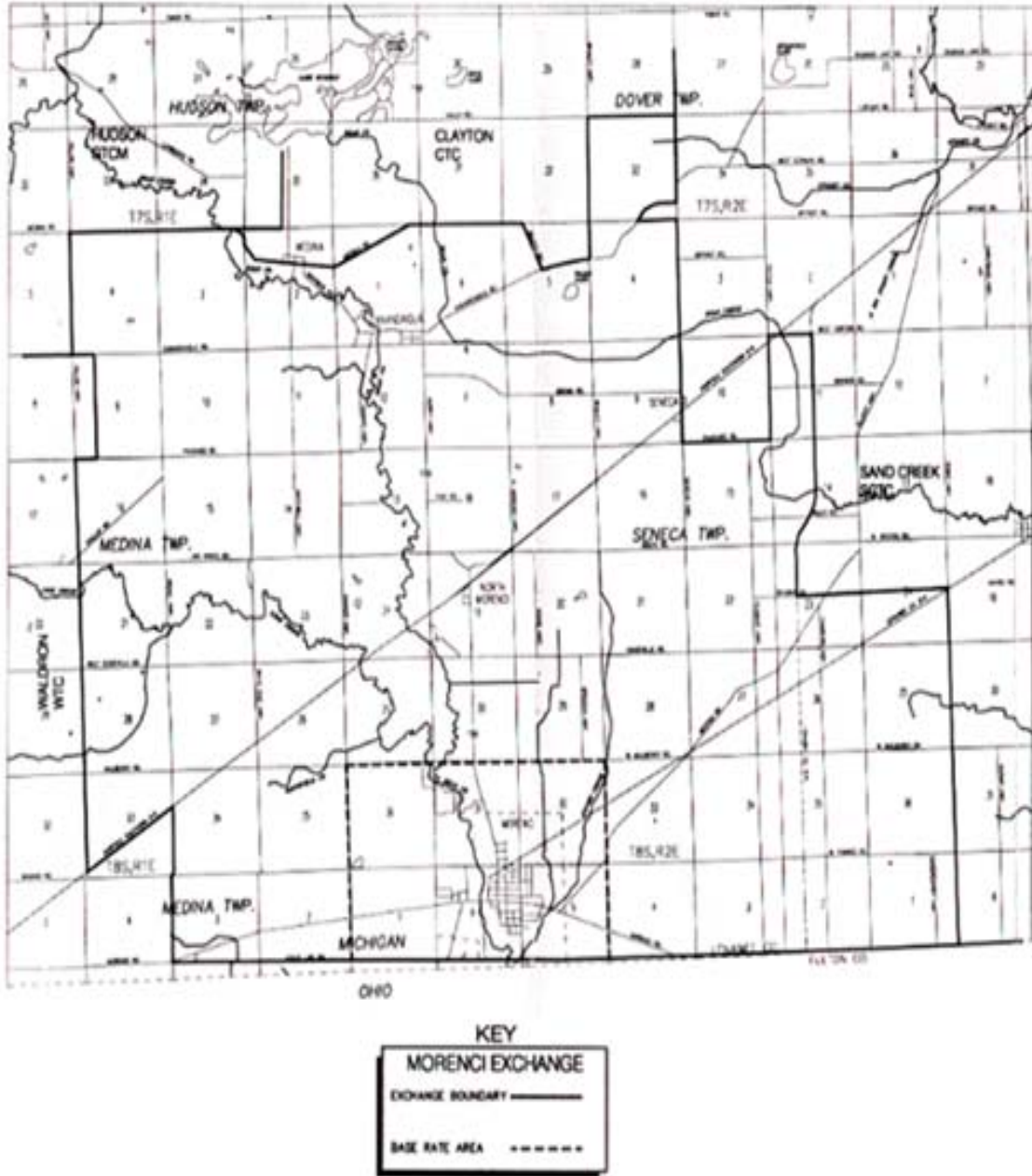
Rochester, New York

MORENCI

TARIFF

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EXCHANGE AREA



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Rochester, New York

LOCAL TELEPHONE EXCHANGE SERVICE

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Exchange: MORENCI

EXCHANGE SERVICE AREA - Which is that area described as follows:

Commencing at the northwest corner of Section 33, T7S, R2E, Dover Township, Lenawee County; thence south along the west line of Section 33 to Canandaigua Road; thence southwesterly along Canandaigua Road to Medina Road; thence along Medina Road to Dillon Road; thence south along Dillon Road to the South Line of Section 4, T8S, R1E, Medina Township, Lenawee County; thence east along the South Line of Section 4 to the south 1/8 post of the southwest quarter of Section 4; thence south to Packard Road; thence west along Packard Road to the northwest corner of Section 16; thence south along the west lines of Sections 16, 21, 28 and 33 to the Norfolk and Western Railroad; thence northeasterly along the Norfolk and Western Railroad to Ingall Highway; thence south along Ingall Highway to the Michigan/Ohio State border; thence east along the Michigan/Ohio State border to the Seneca/Fairfield Township boundary, Lenawee County; thence north along the Seneca/Fairfield Township boundary to Hayes Road; thence west to the point of intersection of the Detroit, Toledo and Ironton Railroad and Sparks Road; thence northeasterly along the Detroit, Toledo and Ironton Railroad to West Horton Road; thence west along West Horton Road to Tuttle Highway; thence south along Tuttle Highway to Packard Road; thence west along Packard Road to Seneca Highway; thence north along Seneca Highway to the Seneca/Dover township line, thence west along the Seneca/Dover township line to Canandaigua Road; thence northeasterly along Canandaigua Road to Seneca Highway, T7S, R2E, Dover Township; thence west along Haley Road to the Point of Beginning.

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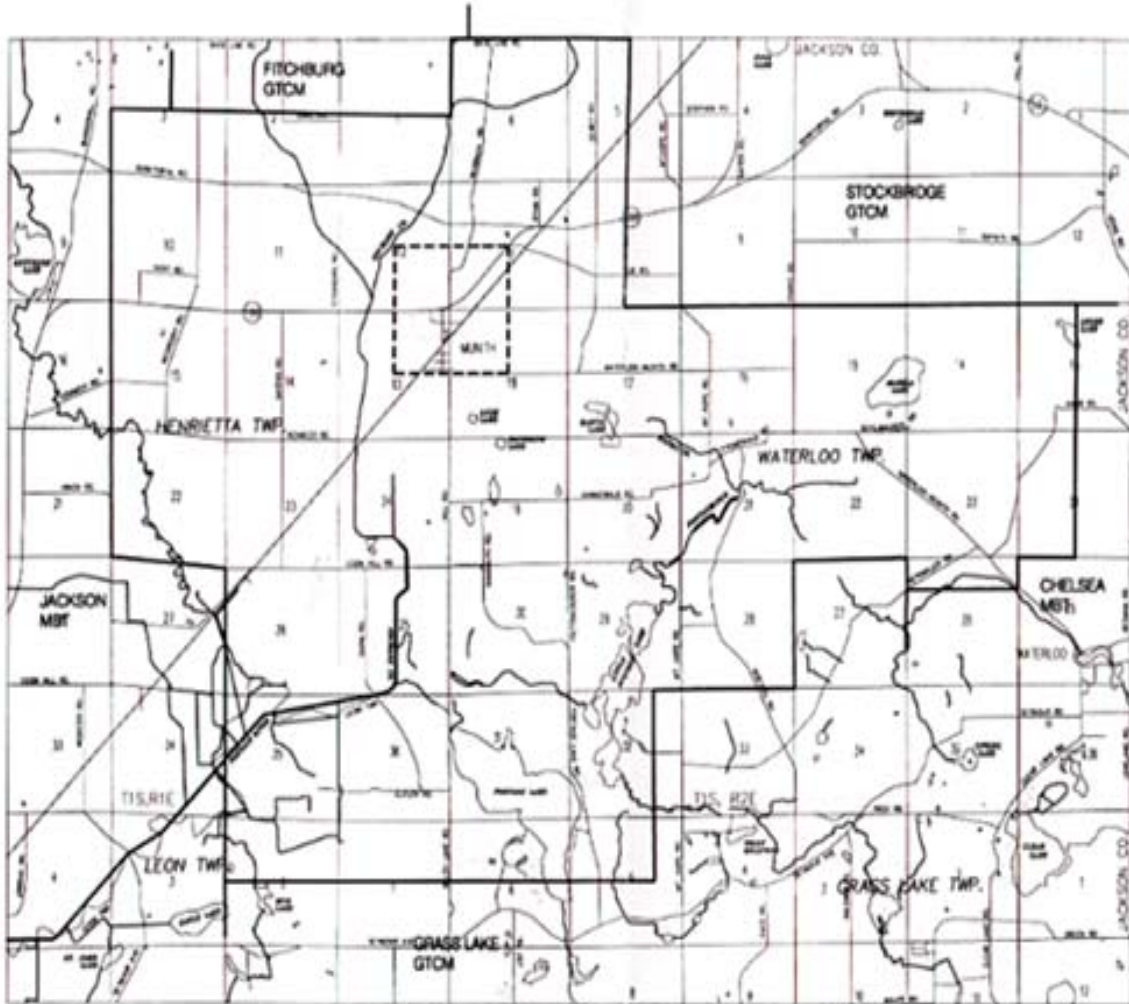


MUNITH

TARIFF

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EXCHANGE AREA



LOCAL TELEPHONE EXCHANGE SERVICE

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Exchange: MUNITH

BASE RATE AREA - Which is that area described as follows:

Southeast 1/4 of Section 12, and the northeast 1/4 of Section 13, T1S, R1E, Henrietta Township, and the southwest 1/4 of Section 7, and the northwest 1/4 of Section 18, T1S, R2E, Waterloo Township, Jackson County, Michigan.

EXCHANGE SERVICE AREA - Which is that area described as follows:

Beginning at the west 1/4 post of Section 3, T1S, R1E, Henrietta Township, Jackson County; east to the 1/4 post at the east line of Section 1; north to Base Line Road; east to the north 1/4 post of Section 5, Waterloo Township; south to the south 1/4 post of Section 8; east to the north 1/4 post of Section 13, south to the south 1/4 post of Section 24; west to the northeast corner of Section 26; south to the east 1/8 post of the northeast quarter of said section; west to the east 1/8 post of the northeast quarter of Section 27; north to the northeast corner of said section; west to the northwest corner of said section; south to the southwest corner of said section; west to the north 1/8 post of the northeast quarter of Section 32; south to the east-west quarter line of Section 5; west to the west 1/4 post of Section 2, Leoni Township; north to the northeast corner of Section 27, Henrietta Township; west to the northwest corner of said section; north to the point of beginning.

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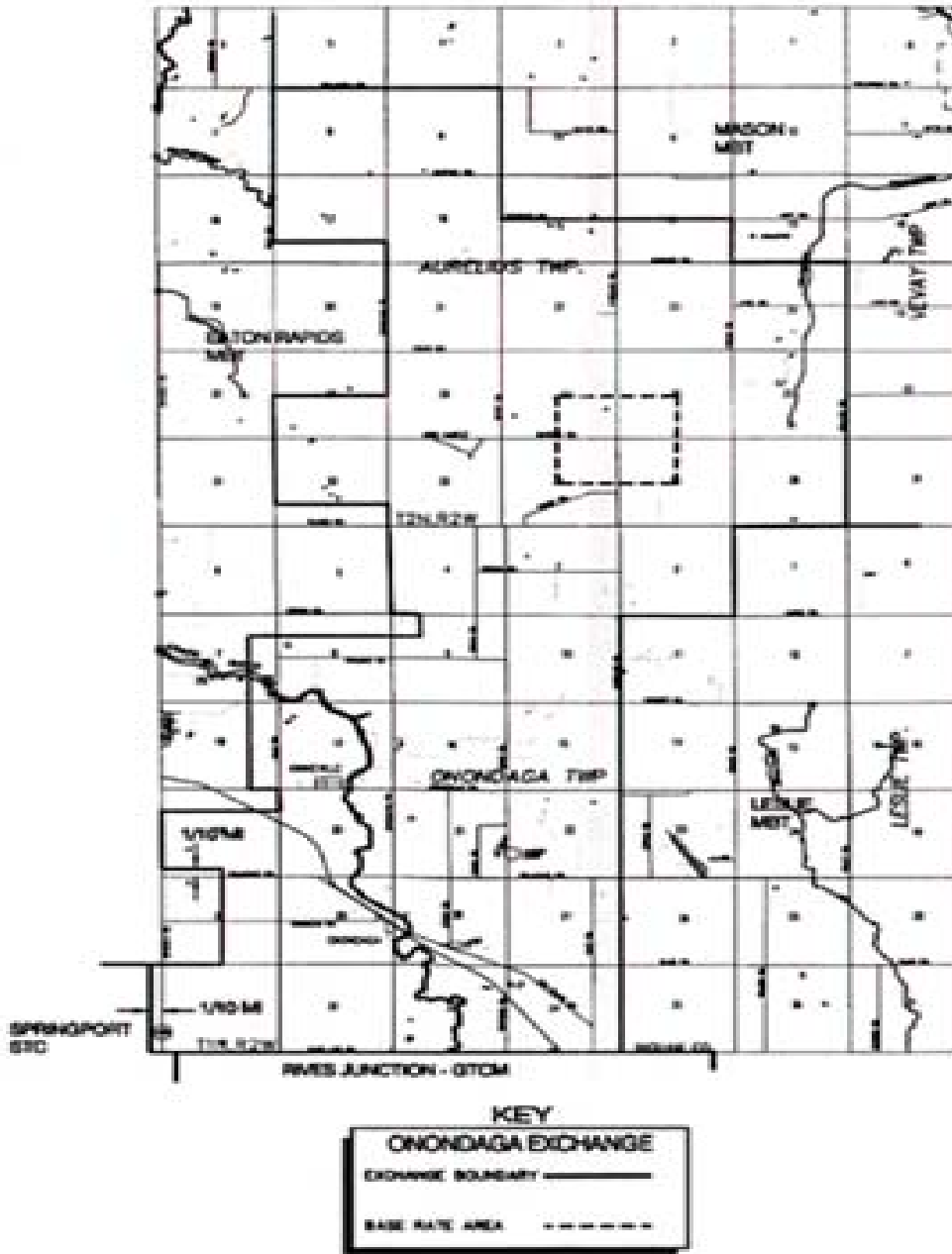
Rochester, New York

ONONDAGA

TARIFF

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EXCHANGE AREA



LOCAL TELEPHONE EXCHANGE SERVICE

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Exchange: ONONDAGA

BASE RATE AREA - Which are those areas described as follows:

North All that area which lies within the SW 1/4 Section 26, SE 1/4 Section 27, NE 1/4 Section 34 and NW 1/4 Section 35, T2N, R2W, Aurelius Township, Ingham County, Michigan.

South West 1/2 of Section 28, and the east 1/2 of Section 29, T1N, R2W, Onondaga Township, Ingham County, Michigan.

EXCHANGE SERVICE AREA - Which is that area described as follows:

Beginning at the northwest corner of Section 8, T2N, R2W, Aurelius Township, Ingham County; east along Columbia Road to Eifert Road; south to Thurlby Road; east to Edgar Road; south to the southwest corner of Section 13; east to College Road, south to Plains Road; west to Edgar Road; south to the southeast corner of Section 2, Onondaga Township; west to the southwest corner of said section; south to Base Line Road; west to a point to Eaton County 1/10 mile west of Waverly Road; north to Ballard Road; east to the north 1/4 post of Section 31, Onondaga Township, Ingham County; north to a point 1/10 mile north of Bellevue Road; west to Waverly Road; north to the west 1/8 post of the northwest quarter of Section 19; east to Gale Road; north to Kinneville Road; west to the south 1/8 post of the southeast quarter of Section 18; north to the east-west eighth line of the north half of Section 7; east to the north-south eighth line of the west half of Section 9; north to Ferris Road; west to Onondaga Road; north to the east 1/8 post of the southeast quarter of Section 32, Aurelius Township; west to Gale Road; north to the west 1/4 post of Section 29; east to Onondaga Road; north to the east 1/8 post of the southeast quarter of Section 17; west to Gale Road; north to the point of beginning.

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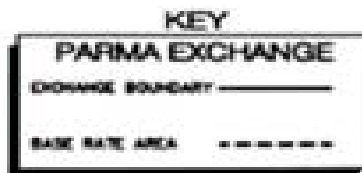
Rochester, New York

PARMA

TARIFF

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EXCHANGE AREA



LOCAL TELEPHONE EXCHANGE SERVICE

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Exchange: PARMA

BASE RATE AREA - Which is that area described as follows:

That area bounded by a line beginning at the southwest corner post of Section 36, T2S, R3W, Sandstone Township, Jackson County; north to the center line of Interstate I-94; eastward following the center line of Interstate I-94 to the east line of Section 30, south to the southeast corner post of Section 31; and west to the point of beginning.

EXCHANGE SERVICE AREA - Which is that area described as follows:

Beginning at the northwest corner of Section 2, T2S, R3W, Parma Township, Jackson County; east to the south 1/8 post of the southeast quarter of Section 36; north to a point 1/10 of a mile south of the north line of Section 24, Springport Township; east to the east line of Section 24; north to the northeast corner of Section 24; east to Townley Road; due south to the south section line of Section 31, Tompkins Township; east to the northeast corner of Section 4, Sandstone Township; south to the intersection of Michigan Avenue; east along Michigan Avenue to Dearing Road; south along Dearing Road to the northeast corner of Section 9, Spring Arbor Township; west to the north 1/8 post of the northeast quarter of Section 9, Spring Arbor Township; south to the south section line, Section 9; west to the 1/8 post of the southwest quarter of Section 12, Concord Township; north to a point 1/4 of a mile south of the north section line of Section 12, Concord Township; west to the east section line of Section 10; northwest along Hutchisson Road to the north section line of Section 10; west to Concord Road; north to Erie Road; west to Pennell Road; north to Michigan Avenue; west to the center point of Section 29, Parma Township; north to the north section line, Section 20; west to Pickett Road; north to a point approximately 1/4 mile north of the south section line of Section 1, Parma Township; northeast to the junction of Devereaux Road and the east section line of Section 9; east to the east section line of Section 10; and north to the point of beginning.

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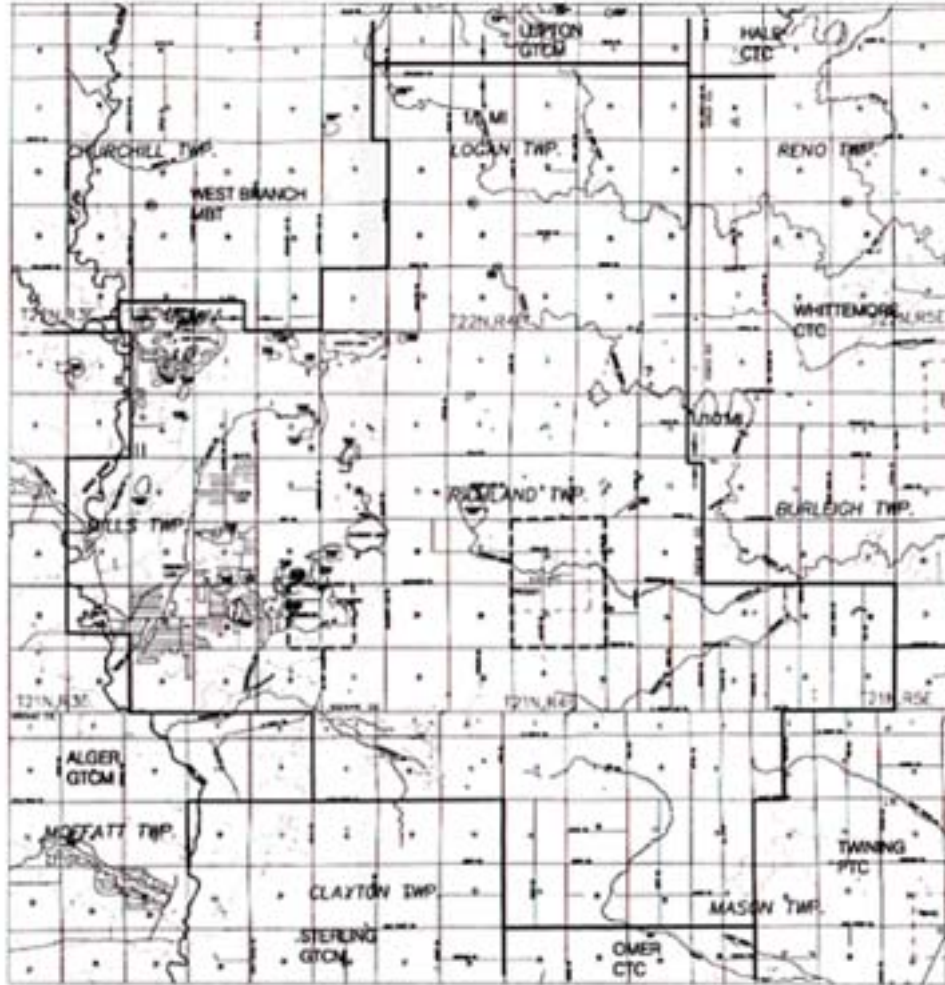
Rochester, New York

PRESCOTT

TARIFF

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EXCHANGE AREA



LOCAL TELEPHONE EXCHANGE SERVICE

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Exchange: PRESCOTT

BASE RATE AREA - Which are those areas described as follows:

East: Commencing at the northwest corner of Section 22, T21N, R4E, Richland Township Ogemaw County; east to the north 1/4 post of Section 23; south to the south 1/4 post of Section 26; west to the southwest corner of Section 27; north to the point of beginning.

West: Commencing at the north 1/4 post of Section 25, T21N, R3E, Mills Township, Ogemaw County; east and following Greenwood Road to the north 1/4 post of Section 30, Richland Township, Ogemaw County; south to the south 1/4 post of said section; west to the south 1/4 post of Section 25, Mills Township; north to the point of beginning.

EXCHANGE SERVICE AREA - Which is that area described as follows:

Beginning at a point on the north-south eighth line of the east half of Section 7, T22N, R4E, Logan Township, Ogemaw County, which is 1/5 mile north of the south line of said section; east to the north-south eighth line of the east half of Section 12; south to a point 1/10 mile south of the north line of Section 13, Richland Township; east to the Ogemaw-Iosco County line; south to the southwest corner of Section 19; Burleigh Township, Iosco County, east to the northeast corner of Section 28; south to the Iosco-Arenac County line; west to Williams Road, south to Maple Ridge Road; west to the northwest corner of Section 15, Mason Township, Arenac County; south to Twining Road; west to the southwest corner of Section 24, Clayton Township; north to Maple Ridge Road; west to Melita Road; north to the Ogemaw-Arenac County line; west to the southwest corner of Section 34, Mills Township, Ogemaw County; north to a point 1/4 mile north of the south line of Section 28 Mills Township; west to the west line of said section; north to the northwest corner of Section 16; east to the northeast corner of said section; north to the southeast corner of Section 33, Churchill Township; west to a point 1/5 mile west of the east line of said section; north to the east-west quarter line of said section; east to a point 1/5 mile west of the east line of Section 35; south to the south line of said section; east to Henderson Lake Road; north to the southwest corner of Section 30, Logan Township; east to Gillings Road; north to the southeast corner of Section 18; west to the south 1/8 post of the southeast quarter of said section; north to the point of beginning.

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Rochester, New York

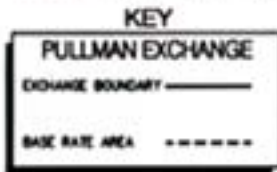
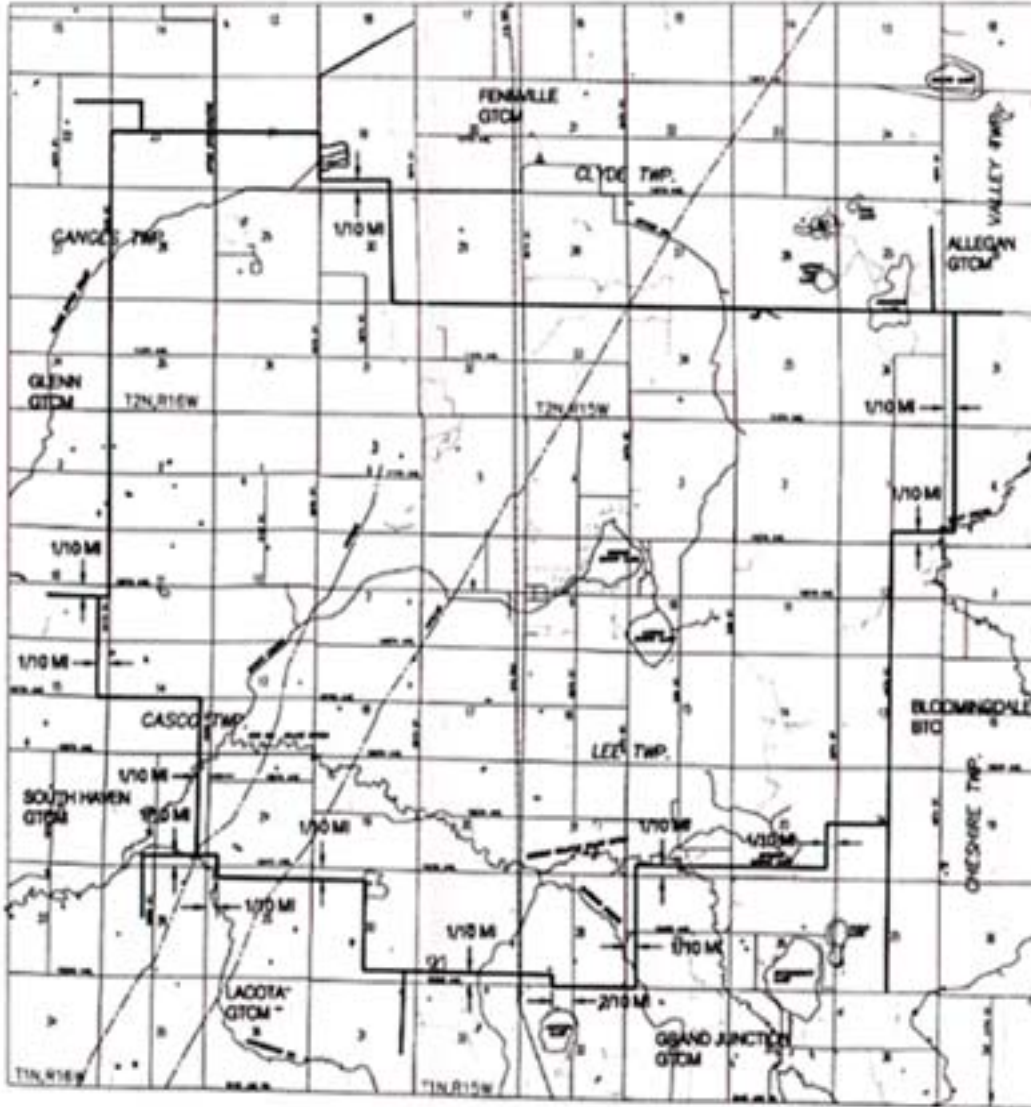


PULLMAN

TARIFF

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EXCHANGE AREA



LOCAL TELEPHONE EXCHANGE SERVICE

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Exchange: PULLMAN

BASE RATE AREA - Which is that area described as the Exchange Service Area below.

EXCHANGE SERVICE AREA - Which is that area described as follows:

Beginning at the west 1/4 post of Section 23, T2N, R16W, Ganges Township, Allegan County; east to the east 1/4 post of Section 24; south to a point 1/10 mile north of 116th Avenue; east to the north-south eighth line of the east half of Section 19, Clyde Township; south to the south line of Section 30; east to a point 1/10 mile east of 48th Street; south to a point 1/10 mile north of 110th Avenue; west to 49th Street; south to the east-west quarterline of Section 24, Lee Township; east to a point 1/10 mile west of 50th Street; south to a point 1/10 mile north of 104th Avenue; west to a point 1/10 mile north and 1/10 mile east of the Intersection of 104th Avenue and 55th Street; south to 102nd Avenue; west to a point 2/10 mile west of 56th Street; north to a point 1/10 mile north of 102nd Avenue; west to the north-south quarter line of Section 30, Lee Township; north to a point 1/10 mile south of 104th Avenue; west to a point 1/10 mile east of 62nd Street; north to a point 1/10 mile north of 104th Avenue; west to a point 1/10 mile west of 62nd Street; north to 107th Avenue; west to a point 1/10 mile west of 64th Street; north to a point 1/10 mile south of 109th Avenue; east to 64th Street; north to the point of beginning.

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Rochester, New York

RIVES JUNCTION

TARIFF

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EXCHANGE AREA



CITY  
 RIVES JUNCTION EXCHANGE  
 ROAD  
 UTILITY LINES

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By: Kenneth Mason, Vice President

Rochester, New York

LOCAL TELEPHONE EXCHANGE SERVICE

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Exchange: RIVES JUNCTION

BASE RATE AREA - Which are those areas described as follows:

Rives Junction The west 1/2 of Section 17, the east 1/2 of Section 18, the northwest 1/4 of Section 20, and the northeast 1/4 of Section 19, T1S, R1W, Rives Township, Jackson County, Michigan.

Tompkins Center The east 1/2 of Section 21, and the west 1/2 of Section 22, T1S, R2W, Tompkins Township, Jackson County, Michigan.

EXCHANGE SERVICE AREA - Which is that area described as follows:

Beginning at a point on the Ingham-Jackson County line which is 1/10 mile east of the northwest corner of Section 6, T1S, R2W, Tompkins Township, Jackson County; east to the northeast corner of Section 2; south to the east 1/4 post of said section; east to Berryville Road; south to Territorial Road; east to Churchill Road; south to the northeast corner of Section 8, Rives Township; east to Cooper Street; south to the east-west eighth line of the south half of Section 13; west to the north-south eighth line of the east half of Section 14; south to the east-west eighth line of the north half of Section 26; west to the east 1/8 post of the northeast quarter of Section 28; south to Henry Road; west to the north 1/4 post of Section 32; south to the south 1/4 post of said section; west to the centerline of Rives Junction Road; south to the centerline of Van Horn Road; west to the north-south quarter line of Section 6, Blackman Township; north to the north 1/4 post of said section; west to Blackman Road; north to the east 1/4 post of Section 36, Tompkins Township; west to the north-south quarter line of said section; north to the east-west eighth line of the north half of Section 25; west to the east 1/8 post of the northeast quarter of Section 28; south to the southeast corner of Section 33, west to the south 1/4 post of Section 31; north to Pope Church Road; west to a point 1/10 mile east of Parma Road; north to the point of beginning.

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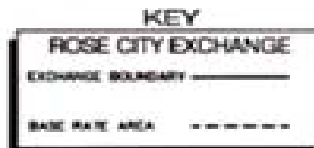
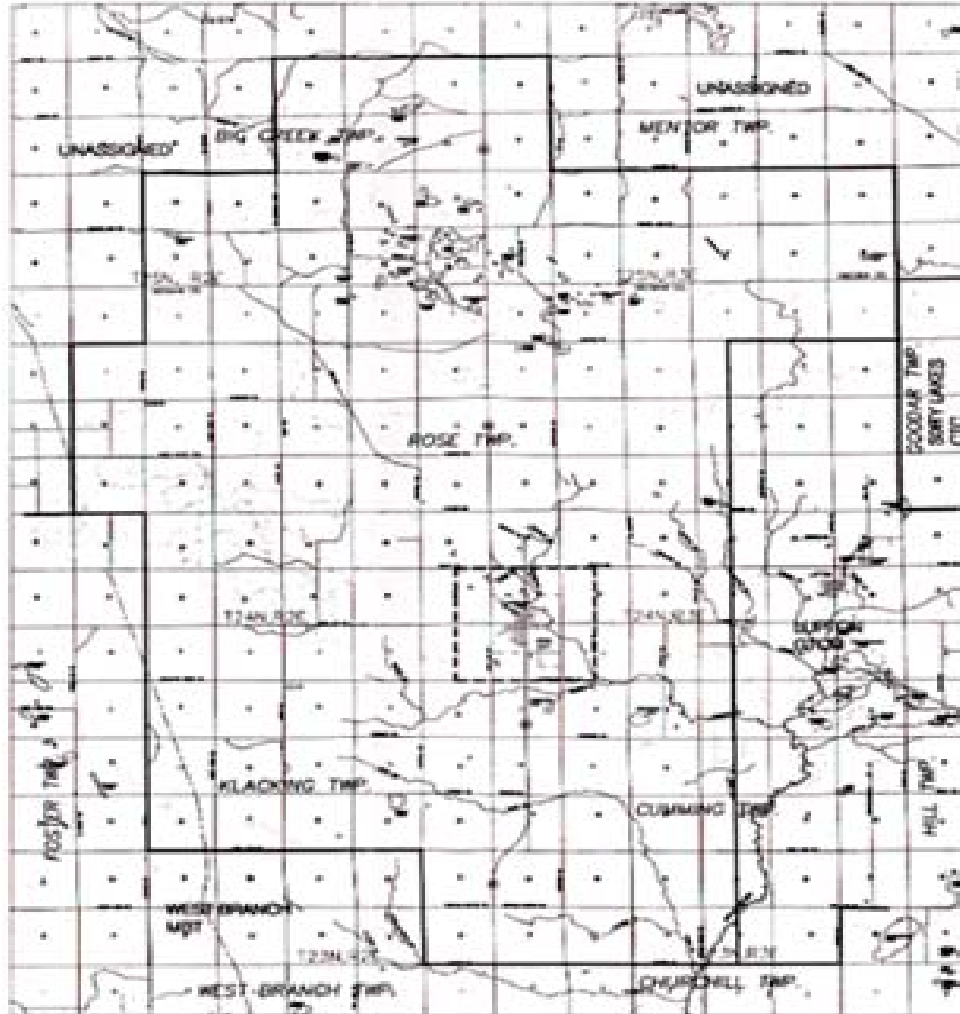
Rochester, New York

ROSE CITY

TARIFF

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EXCHANGE AREA



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Rochester, New York

LOCAL TELEPHONE EXCHANGE SERVICE

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Exchange: ROSE CITY

BASE RATE AREA - Which is that area described as follows:

The east 1/2 section of Section 36, Section 31, the west 1/2 section of Section 32, the west 1/2 section of Section 5, Section 6, the east 1/2 section of Section 1, Cumming Township and Rose Township, Ogemaw County.

EXCHANGE SERVICE AREA - Which is that area described as follows:

Beginning at the northwest corner of Section 29, T25N, R2E, Big Creek Township, Oscoda County; east to the southeast corner of Section 21; north to the northwest corner of Section 15; east to the northeast corner of Section 18, Mentor Township; south to the southwest corner of Section 20; east to the northeast corner of Section 25; south to the southeast corner of Section 1, Goodar Township, Ogemaw County; west to the north 1/4 post of Section 10, Rose Township; south to Peters Road; west to Campbell Road; north to Sage Lake Road; west to Fairview Road; north to southeast corner of Section 19; west to southeast corner of Section 24; north to northeast corner of Section 6; northerly along said road to the point of beginning.

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Rochester, New York

SAWYER

TARIFF

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EXCHANGE AREA



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Rochester, New York

LOCAL TELEPHONE EXCHANGE SERVICE

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Exchange: SAWYER

BASE RATE AREA - Which are those areas described as follows:

Sawyer: That area bounded by the line beginning at the intersection of California Road and Sawyer Road; east to Pardee Road, south to Wagner Road; west to the north-south quarter line of Section 18, Weesaw Township, Berrien County; north to Sawyer Road, east to point of beginning and that area bounded by a line beginning at a point on Harbert Road 1/8 mile west of Three Oaks Road; east to the north-south 1/4 line of Section 12, Chikaming Township, Berrien county; north to the railroad track; northeasterly along the railroad track to the north line of Section 36, Lake Township, west to the shore of Lake Michigan; southwesterly along the shore of Lake Michigan to a point where the shore of Lake Michigan intersects with Bethany Gully; southeasterly along the Gully to the east-west 1/4 line of Section 10, Chikaming Township, east to a point 1/8 mile west of Three Oaks Road; south to the point of beginning.

EXCHANGE SERVICE AREA - Which is that area described as follows:

Beginning at the intersection of the shoreline of Lake Michigan and the north line of Section 35, T6S, R20W, Lake Township, Berrien County; east to a point 200 feet west of Holden Road; south to a point 1/10 mile south of Kaiser Road; east of a point 1/10 mile east of Holden Road; south to a point 1/10 mile north of Warren Woods Road, west to a point 2/5 mile west of Holden Road; south to the east-west quarter line of Section 28, Weesaw Township; west to the north-south eighth line of the west half of Section 29; south to a point 1/10 mile south of Townline road; west to Avery Road; north to a point 1/10 mile north of Townline Road; west to a point 1/10 mile east of the west line of Section 30; north to a point 1/10 mile north of Kaiser Road; west to the east line of Section 13, Chikaming Township, north to a point 200 feet south of the east-west portion of Minnich Road; west to a point 200 feet east of the north south portion of Minnich Road; north to the Galien River; south along the Galien River and on to a point 1/10 mile south of the south line of Section 13; west to the north-south quarter line of section 23, north to the east-west eighth line of the south half of Section 14; west to a point 1/8 mile west of Three Oaks Road; north to the east-west quarter line of Section 10; west to the west 1/4 post of said section; northwesterly along Bethany Gully to the shoreline of Lake Michigan; northeasterly along said shoreline to the point of beginning.

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By: Kenneth Mason, Vice President

Rochester, New York

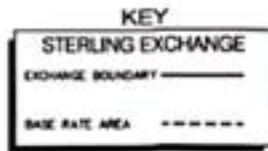
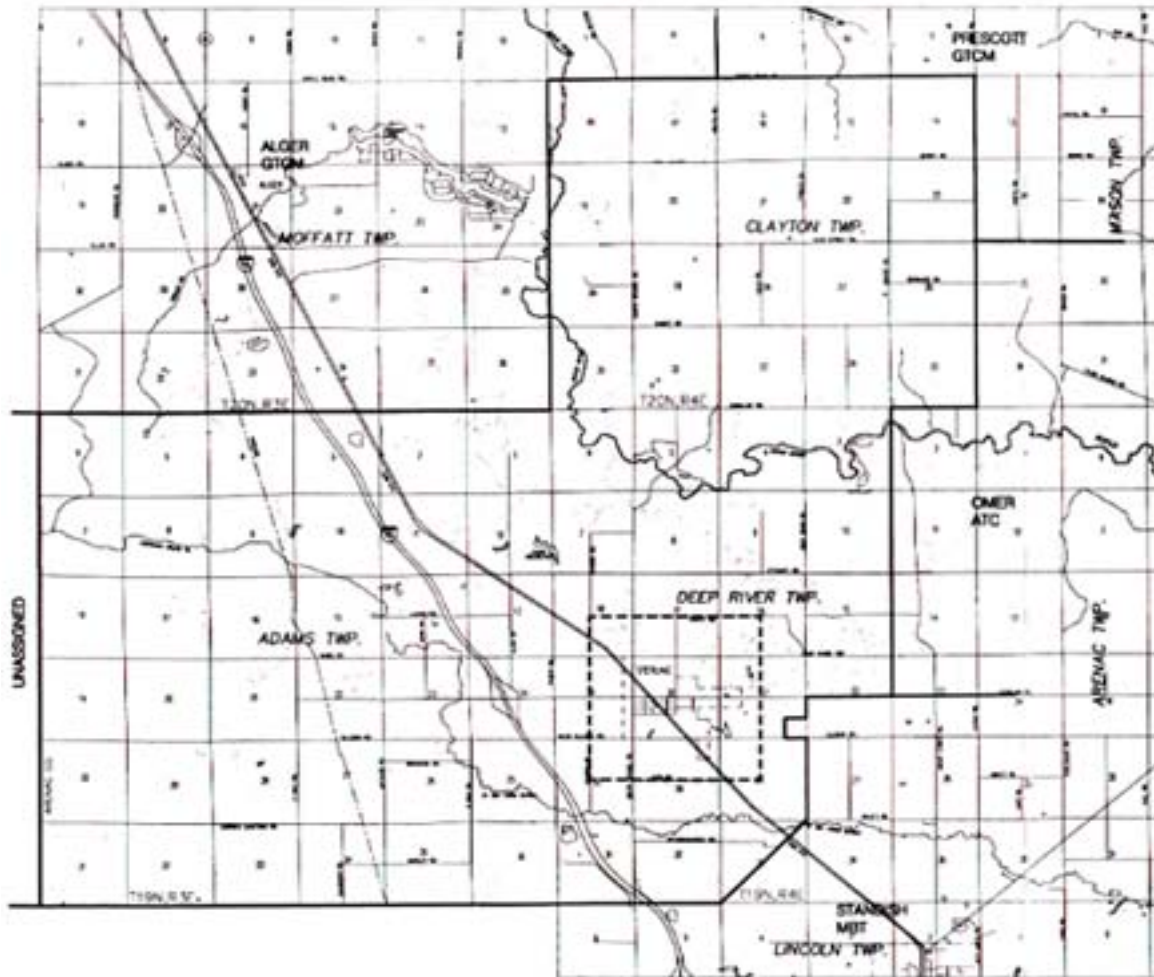


STERLING

TARIFF

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EXCHANGE AREA



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Issued: August 17, 2010

Effective: August 18, 2010

By: Kenneth Mason, Vice President

Rochester, New York

LOCAL TELEPHONE EXCHANGE SERVICE

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Exchange: STERLING

BASE RATE AREA - Which is that area described as follows:

Southwest 1/4 section of Section 16, the west 1/2 section of Section 21, the southwest 1/4 section of Section 28, the north 1/2 section of Section 29, the northeast 1/4 section of Section 30, the east 1/2 section of Section 19, the southeast 1/4 section of Section 18, the south 1/2 section of Section 17 and all of Section 20, Deep River Township, Arenac County.

EXCHANGE SERVICE AREA - Which is that area described as follows:

Beginning at the northwest corner of Section 18, T20N, R4E, Clayton Township, Arenac County; east to the northeast corner of Section 14; south to the southeast corner of Section 35; west to the southwest corner of said section; south to Sterling Road; west to Heslop Road; south to the east 1/8 post of the southeast quarter of Section 21, Deep River Township; west to the north-south eighth line of the east half of said section; south to the south 1/8 post of the southeast quarter of said section; east to Heslop Road; south to Wyatt Road; southwesterly along a diagonal across Section 33 to the southwest corner of said section; west to the Gladwin-Arenac County line; north to the northwest corner of Section 6, Adams Township; east to the northeast corner of Section 1; north to the point of beginning.

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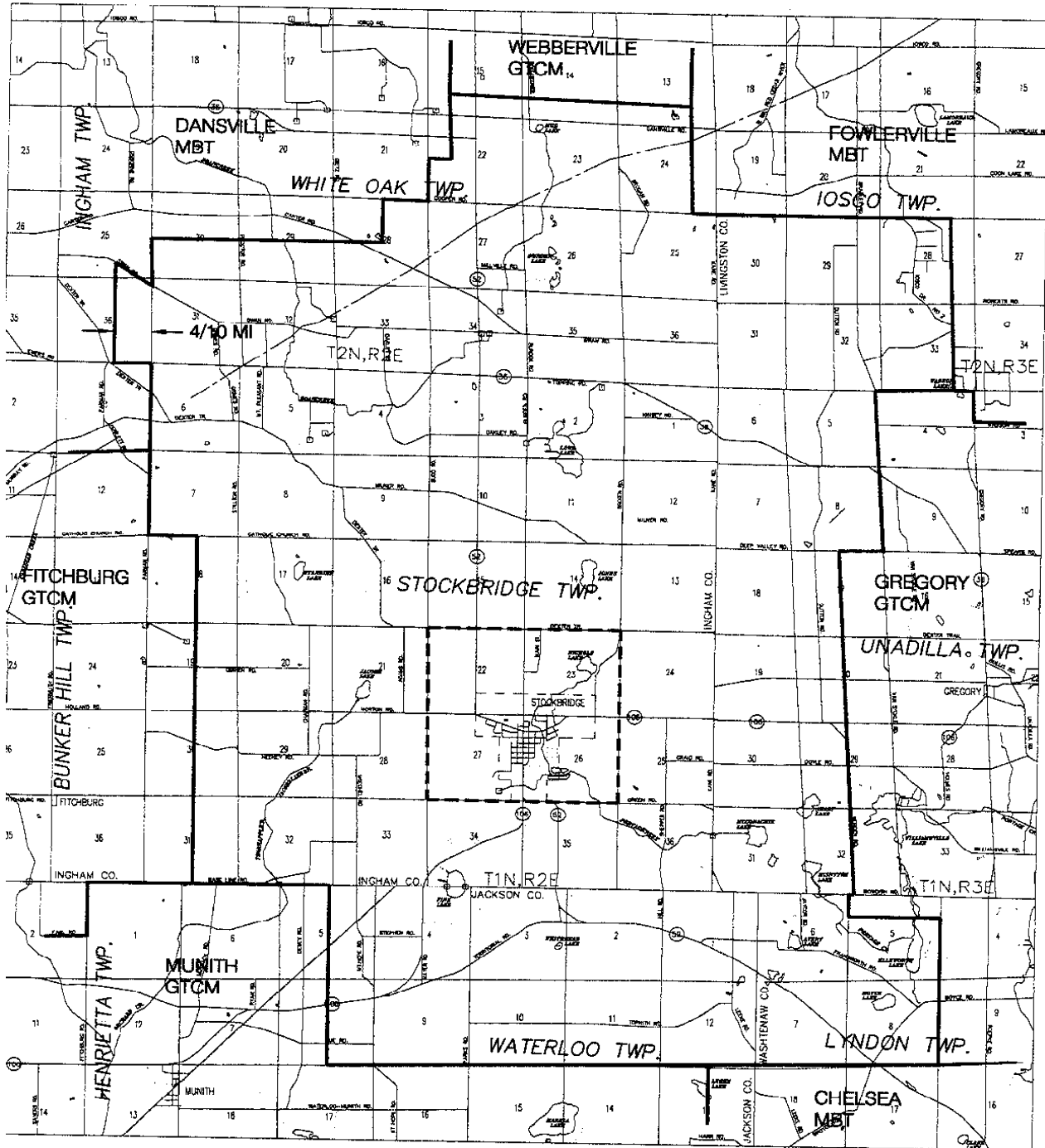
By: Kenneth Mason, Vice President

Rochester, New York

STOCKBRIDGE

TARIFF

EXCHANGE AREA



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By: Kenneth Mason, Vice President Rochester, New York

LOCAL TELEPHONE EXCHANGE SERVICE

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Exchange: STOCKBRIDGE

BASE RATE AREA - Which is that area described as follows:

Section 22,23, 26, and 27, Stockbridge Township, T1N, R2E, Ingham County, Michigan.

EXCHANGE SERVICE AREA - Which is that area described as follows:

Beginning at the west 1/4 post of Section 30, T2N, R2E, White Oak Township, Ingham County; east to the center of Section 28; north to Cooper Road; east to the southwest corner of Section 22; north to the west 1/4 post of said section; east to the north-south eighth line of the west half of said section, north to the east-west eighth line of the south half of Section 15; east to the north-south eighth line of the east half of Section 13; south to the south line of Section 24; easterly to a point 1/4 mile west of Gregory Road in Section 28, Iosco Township, Livingston County; south to the south line of Section 33, Iosco Township; west to Bradley Road; south to the southeast corner of Section 8, Unadilla Township, Livingston County, west to the south 1/4 post of Section 8; south to Bowdish Road; west to the northeast corner of Section 6, Lyndon Township, Washtenaw County; south to the east 1/8 post of the northeast quarter of said section; east to the east line of Section 5; south to the southeast corner of Section 8; west to the south 1/4 post of Section 8, Waterloo Township, Jackson County; north to the north line of Section 5; west to the south 1/4 post of Section 31, Stockbridge Township, Ingham County; north to Catholic Church Road; west to Parman Road; north to the northeast corner of Section 6; east 4/10 mile; north to Swan Road; southeast along said road to Osborne Road; north to the point of beginning.

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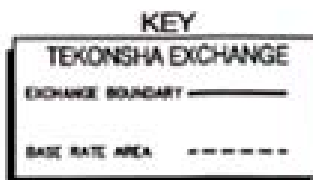
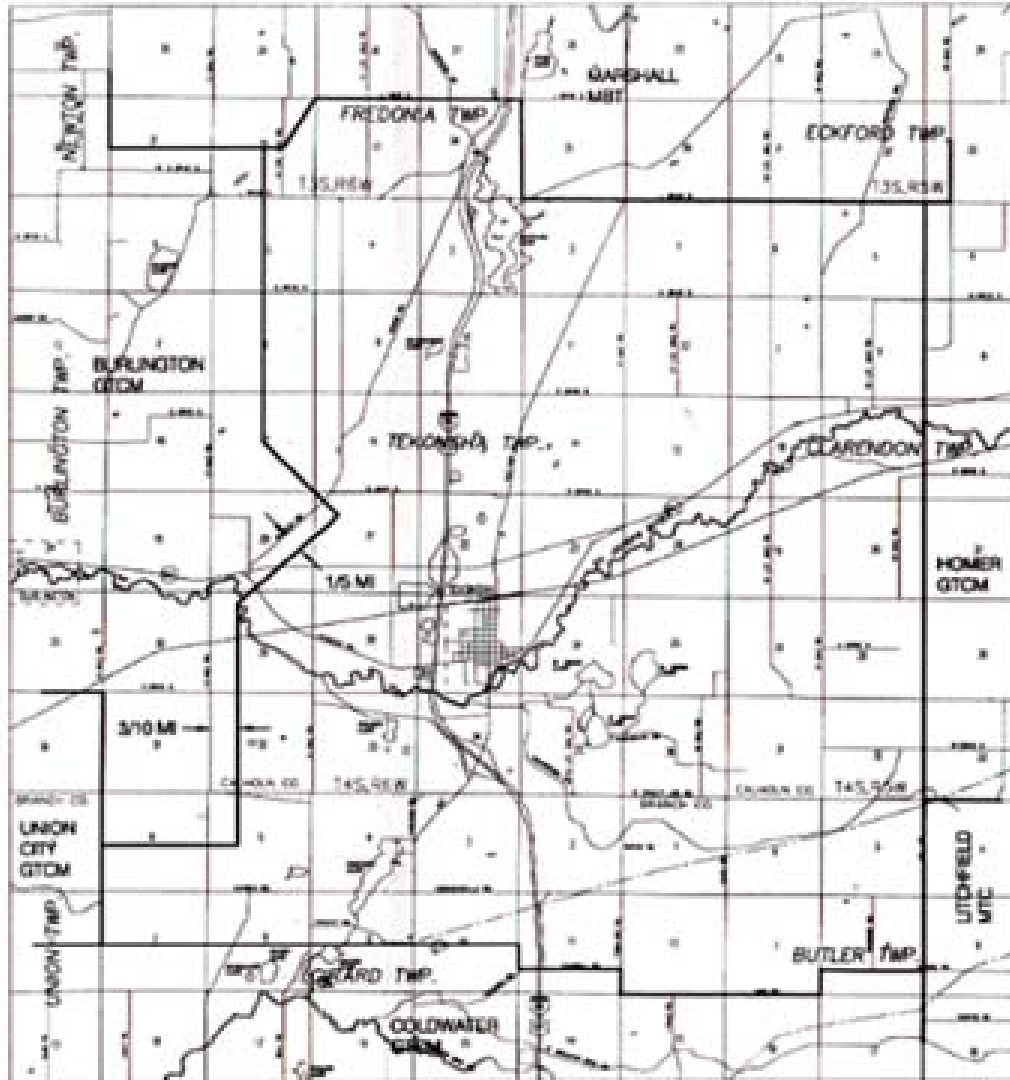
Rochester, New York

TEKONSHA

TARIFF

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EXCHANGE AREA



LOCAL TELEPHONE EXCHANGE SERVICE

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Exchange: TEKONSHA

BASE RATE AREA - Which is that area described as the Exchange Service Area below.

EXCHANGE SERVICE AREA - Which is that area described as follows:

Beginning at the northwest corner of Section 33, T3S, R6W, Fredonia Township, Calhoun County; east to the northeast corner of Section 34; south to the southeast corner of said section; east to the northeast corner of Section 5, Tekonsha Township; south to Moore Road in Section 8, Butler Township, Branch County; west to Dean Road; south to King Road; west to Tobalske Road; north to Farwell Road; west to the west line of Section 11, Girard Township; north to the west 1/4 post of said section; west to the west 1/4 post of Section 7; north to the west 1/4 post of Section 6; east to a point 3/10 mile east of the east line of said section; north to the north line of Section 29, Tekonsha Township, Calhoun County; northeast on a line parallel to and 1/5 mile southeast of Aldrich Road to the northwest to southeast diagonal of Section 21; northwest to the center of Section 17; north to the center of Section 32, Fredonia Township; east to Thirteen-and-a-half Mile Road; northeast to the point of beginning.

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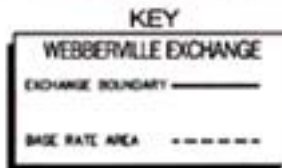
Rochester, New York

WEBBERVILLE

TARIFF

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EXCHANGE AREA



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Rochester, New York

LOCAL TELEPHONE EXCHANGE SERVICE

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Exchange: WEBBERVILLE

BASE RATE AREA - Which is that area described as follows:

Beginning at the southwest corner of Section 12, T3N, R2E, Leroy Township, Ingham County; west 3/4 mile; north 1 mile; east 1 mile; south 1 mile; west 1/4 mile to the point of beginning.

EXCHANGE SERVICE AREA - Which is that area described as follows:

Beginning at the northwest corner of Section 4, T3N, R2E, Leroy Township, Ingham County; east to Perry Road; north 1/10 mile; east to the east line of Section 31; south to the east 1/4 post of Section 12; east to the east line of Section 7, Handy Township, Livingston County; south to the southeast corner of said section; east to Potts Road; south to Mason Road; east to the southwest corner of Section 32; south to the east 1/8 post of the southeast quarter of Section 7, Losco Township; west to the north-south eighth line of the east half of Section 12, White Oak Township, Ingham County; south to the east-west eighth line of the south half of Section 13; west to the north-south eighth line of the west half of Section 15; north to the east-west quarter line of said section; west to the west 1/4 post of said section; north to Losco Road; west to the south 1/4 post of Section 7; north to the east-west eighth line of the south half of Section 30, Leroy Township, east to the north-south quarter line of Section 29; north to the point of beginning.

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Rochester, New York



LOCAL TELEPHONE EXCHANGE SERVICE

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COMBINATION MAIN STATION SERVICE

A. GENERAL

1. Combination Main Station Service applies to cases where a customer wishes to contract for a main station service at each of two separate locations (ordinarily each station will be assigned a separate telephone number) within the same exchange, so as to be able to answer calls for one main station at the other main station location or both stations at either location.
2. Combination Main Station Service is provided only in connection with Individual lines where facilities and equipment permit, (excluding coin box lines and lines terminating in key telephone systems, key equipment, key cabinets and similar switching devices) and is furnished subject to the ability of the Telephone Company to provide satisfactory transmission and signaling arrangements and to the rate treatment outlined herein. (T)
3. Combination Main Station Service may be employed where one station is at a business location and the other at a residence or where both stations are at either business or residence locations, but only in connection with services contracted for and used by the same customer.

B. CHARGES

1. Each main station is charged for at the established individual line business or residence rate, according to the classification of the service at each premises as to business or residence character.
2. In applying exchange line mileage charges, as provided for in Tariff M.P.S.C. No. 2, each main station service is considered separately and the mileage charges applicable for individual line service are assessed for each service.

LOCAL TELEPHONE EXCHANGE SERVICE

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STANDARD TELEPHONE SETS AND EXTENSION STATIONS

A. GENERAL

1. Extension stations are limited to the same Exchange as the associated main station service.
2. Central office lines extended between different switching equipment or between switching equipment and a telephone instrument are classified as extension stations.
3. Separate telephone numbers or other distinctive designations are not assigned to extension stations nor is code ringing permitted. Extension stations are not listed and no additional free listings are allowed in connection with the main station on account of extension stations.
4. Extension stations must be located on the premises of the customer (or of the Joint User on business services) and are restricted to his use (and the use of members of his domestic establishment or his employees), except that in the case of individual line subscriber service not semi-public Service) extensions may be located on another's premises with the understanding that the service is to be used for incoming calls only and if a separate exchange service is subscribed for at the other premises. (See Tariff M.P.S.C. No. 7 - Classification and Use of Telephone Service.)
5. Individual line extension stations on premises other than those on which the main station is located (off-premises extensions) are furnished subject to the availability of facilities and only if a satisfactory grade of service can be maintained on all connections. (See Tariff M.P.S.C. No. 1).
6. Interconnection between main and extension stations is not contemplated except as specifically provided with Key Telephone Systems.
7. In connection with public and semi-public telephone service, extension stations are only furnished when they are essential to the efficient handling of the service.

B. RATES

1. Mileage and channel charges are those specified in Tariff M.P.S.C. No. 2.

LOCAL TELEPHONE EXCHANGE SERVICE

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DUPLICATE BILL CHARGE

A. GENERAL

A printed copy of the regular monthly billing may be provided to customers upon request where such information is available and facilities permit.

B. CONDITIONS

The current month's billing, or any, or all of the previous five (5) months bills will be provided at no charge. A Duplicate Bill Charge will apply when providing a printed copy of any bill occurring prior to the previous five (5) months bills.

C. RATES

	<u>Residence</u>	<u>Business</u>
Per copy of bill requested	\$5.00	\$5.00

DIGITAL BILLING

A. GENERAL

Digital billing provides a complete version of the bill, including bill detail, bill messages and inserts. Digital billing is available online, by email and in mobile app. Digital billing customers will receive the digital bill based on preferences managed by the customer, including a notification when the bill is ready to view. Upon election to digital billing, the paper version will be discontinued. If a customer elects to receive both the digital bill and a paper bill, a monthly charge will apply. Digital bill payment and auto pay can also be managed online, in mobile app, or with Frontier's automated phone system.

B. RATES

	<u>Residential</u>	<u>Business</u>
Rate for Digital billing with Duplicate paper bill:	\$5.00	\$5.00

(N)

(N)

LOCAL TELEPHONE EXCHANGE SERVICE

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RURAL LINE SERVICE AND SPECIAL TYPE OF CONSTRUCTION

A. GENERAL

1. New lines will be established outside the local base rate area when, in the judgment of the Telephone Company, there appears to be sufficient demand for the service to warrant the construction costs involved. (See Tariff M.P.S.C. No. 7, Sheet 27)
2. Service may be requested for a special installation of a temporary nature which may not remain in a fixed location for any considerable length of time. In such case, the subscriber shall be required to pay the entire cost of the new construction necessary to establish service. (See Tariff M.P.S.C. No. 7, Sheet 30)

B. EXTENSION OF LINE FACILITIES FOR EXCHANGE SERVICE  
(See Tariff M.P.S.C. No. 7, Sheet No. 28)

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Rochester, New York

LOCAL TELEPHONE EXCHANGE SERVICE

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SERVICE CHARGES

A. GENERAL

1. Service charges are applicable with the establishment of telephone service and/or equipment, and for subsequent moves, changes, and additions thereto as specified in the tariff.
2. Service charges consisting of one or more of the following charges apply for new or additional service or changes in service which require the activity or work as briefly indicated under "Charges" or as specified under Application of Charges or as modified by specific tariff item elsewhere in the tariff.

B. DEFINITIONS

1. A premises is a building, portion of a building, or buildings on the same continuous property occupied by the customer in the conduct of his business or occupied by the customer as a residence. All space for offices occupied by a customer on the same or separate floors of one building are considered as a single (or same) premises.
  - a. Same continuous property shall mean an uninterrupted plot of land within the same block and occupied by one customer. Same block is defined as a parcel of land enclosed by, but uncrossed by public thoroughfares. Railroad tracks, rivers and alleys are not considered as public thoroughfares.
  - b. A building shall mean a structure on one foundation or two structures on separate foundations with a common wall or abutting walls with ready access from one structure to the other by means of doorways or permanent openings through the intervening wall or walls. Structures in the same or different block occupied by one customer and connected by passageways shall be considered as the same building if the passageway is actually used as a continuation of the space in the two buildings and not principally used as a walkway.
2. A location shall mean a specific place within a premises.
3. An access line is the line between the serving Central Office and the customer's premises.
4. A connecting apparatus is the connecting block or jack to which the single-line station or terminal device may be connected.
5. A service order charge is a charge that is applied each time a service order must be written, executed and processed. (N)  
(N)

LOCAL TELEPHONE EXCHANGE SERVICE

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SERVICE CHARGES

C. APPLICATION OF CHARGES (continued)

3. Other Applications or Exceptions to Service Charges
  - a. The charges specified herein do not contemplate work being performed by the Company employees at a time when overtime wages apply due to the request of the customer nor do they contemplate work begun being interrupted by the customer. If the customer requests overtime labor being performed or interrupts work once begun, a charge in addition to the specified charges will be made equal to the additional cost involved.
  - b. No duplication of charges is made when, owing to the lack of standard equipment specified in a customer's order, installation of other standard equipment is made temporarily in order to provide service.

D. CHARGES

1. Establishment of Service
  - a. Initial Service Order Charge, New Account, Per Order \$30.00 (I)
  - b. Subsequent Service Order Charge Existing Account, Per Order
    - Residential: 22.00 (I) (C)
    - Business: 23.00 (I) (C)
2. Central Office Connection Charge, Per Line 28.00 (I)
3. Access Line Work Charge 20.00 (I)
4. Reconnection Charge\*\* 31.00 (I)

\*The Establishment of Service Charge is in addition to installation charges specified elsewhere in the tariff.  
"Nonrecurring charges" specified elsewhere in the tariff are in addition to service charges.

\*\*Charges based on current establishment of service - existing account charge (D.1.b) and current line connection charge (D.2).

LOCAL TELEPHONE EXCHANGE SERVICE

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CUSTOMER OWNED COIN OPERATED TELEPHONE SERVICE

A. DESCRIPTION

1. Customer Owned Coin Operated Telephone Service (COCOTS) provides a business one-party (measured rate) central office exchange service to be used with a customer-owned, coin-operated telephone set.
2. COCOTS is the only service available for use with customer-provided, coin-operated telephone sets.
3. COCOTS will be provided only where facilities are available.
4. COCOTS provides for outgoing and incoming calling.
5. Directory listings are available as regularly provided with business service.

B. USE OF SERVICE BY THE CUSTOMER

1. Intrastate, intraLATA communications may be resold or shared by the customer when used with COCOTS. The total call charge to a user for a resold call must be collected from the user by the customer.
2. The customer shall be solely responsible for the provision, installation, operation, and maintenance of the COCOTS set and for all aspects of business relations with its users concerning operation of, and service difficulties associated with use of, the COCOTS set, including refunds.

C. REGULATIONS

1. Customer-provided equipment may be used with COCOTS subject to Part 68 of the FCC's rules and regulations, and the provisions of the company's tariffs.
2. The customer shall provide to the company the FCC registration number and ringer equivalence number for the registered COCOTS set before connecting the set to the network. The customer shall also provide the universal service order code (USOC) of the company-provided jack required.

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LOCAL TELEPHONE EXCHANGE SERVICE

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CUSTOMER OWNED COIN OPERATED TELEPHONE SERVICE

C. REGULATIONS (Continued)

3. The customer assumes sole responsibility for compliance with all local, state, and federal regulations governing the provision and use of COCOTS sets. The COCOTS set shall comply with those requirements.
4. The local service area for COCOTS is the same as the local service area for regular business service in the exchange or zone in which it is located.
5. Directory assistance charges, interzone and message toll service charges, including assisted call charges, and all other message charges specified in this and other tariffs of the company are applicable to this service.
6. The company is not responsible for malfunctions of customer-owned sets for other customer-provided equipment, or for misdirected calls, disconnects, or other service problems caused by the use of customer-owned equipment.
7. The customer shall prominently display at each COCOTS set the name of the owner or agent responsible for the service and the procedure for reporting service difficulties and obtaining coin refunds.
8. COCOTS is not provided on a foreign telephone basis.
9. Where a COCOTS has additional jacks or other arrangements that could be used for the connection of an extension telephone set, the customer must prominently display at the COCOTS set location a sign to advise users that an extension telephone may be connected and that the conversation may be heard by others. This requirement is waived if arrangements are made to automatically prevent a third party from listening on an extension telephone.
10. Except as specified herein, regulations applicable elsewhere in the company's tariffs for regular business service are applicable to COCOTS.



LOCAL TELEPHONE EXCHANGE SERVICE

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CUSTOMER OWNED COIN OPERATED TELEPHONE SERVICE

D. RATES AND CHARGES

1. The following rates and charges are applicable to the COCOTS line. In addition, service charges, including the line connection charge, are applicable as specified in this tariff.

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
COCOTS line, each		\$10.00*

\*This charge is in addition to the Service Connection charges specified elsewhere in this tariff.

2. Local message charges, directory assistance charges, interzone and message toll service charges, including assisted call charges, and all other message charges specified in this and other tariffs of the company are applicable to this service.

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LOCAL TELEPHONE EXCHANGE SERVICE

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CUSTOMER OWNED COIN OPERATED TELEPHONE SERVICE

E. RATES AND CHARGES

1. The rates and charges applicable to Customer Owned Coin Operated Telephone Service apply in addition to all other rates and charges applicable to service and equipment items with which the service is associated.
2. Appropriate business nonrecurring charges, as set forth elsewhere in this Tariff, apply to COCOTS, except as shown below:
  - a. Supersedures or Transfer of service will be charged \$12.26 per line.
  - b. All other record-type only changes will be charged \$11.11 per line as applicable as shown under "Service Charges" elsewhere in this tariff.
3. Monthly rates applicable to COCOTS are as shown in M.P.S.C. No. 1, Sheet No. 17, plus the Call Screening charge set forth in E.6. following where available. When Call Screening capabilities become available in central offices where capabilities did not previously exist, any existing or new COCOTS provider must subscribe to the Call Screening Service at the rates and charges set forth in E.6. following.
4. The Business Touch Calling Line charge applies as set forth in M.P.S.C. No. 2, Sheet 5 in addition to basic Exchange Service Rates.
5. Local calls billed to a calling card, a third telephone number, or collect to the called station are subject to the Assisted Call Charges as shown in Michigan Bell Telephone Company's Tariff M.P.S.C. No. 3.
6. Call Screening (when and where equipment is available)

COCOTS must be provided with Call Screening except where facilities for such screening are not available. When facilities are made available, screening must be added to the COCOTS line at the rates specified below:

	<u>MONTHLY RATE</u>	<u>NONRECURRING CHARGE</u>
Call Screening - Calls through an operator shall be restricted to those charged to the called number (collect), a third number or calling card	\$1.60	\$10.00*

\*Not applicable when installed at the same time as service installation.

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By: Kenneth Mason, Vice President

Rochester, New York

LOCAL TELEPHONE EXCHANGE SERVICE

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CUSTOMER OWNED PAY TELEPHONE (COPT) COIN LINE SERVICE

A. DEFINITIONS AND CONDITIONS

1. Customer-Owned Pay Telephone (COPT) Coin Line Service is a coin voice grade exchange line that provides switch based dial tone first (DTF) coin line functionalities for non-Local Exchange Company customer-owned pay telephones.
2. COPT Coin Line Service is provided at the request of a COPT provider that provides pay telephone service with switch based coin line functionalities to the public on a resale basis.
3. A COPT Coin Line subscriber must use a separate COPT Coin Line for each pay telephone instrument installed and will be billed the tariffed rate for each line. Off-premise extensions to a COPT Coin Line are not permitted.
4. Where COPT Coin Line Service is provided, any type or grade of residence or business service offered regularly at that location may also be furnished, provided such residence or business service is confined to locations solely for use by the particular establishment.
5. The carriage and completion of local and intraLATA toll messages are provided by the Company.
6. The Company shall not be liable for shortages of coins deposited and/or collected from the COPT Coin Line subscriber's equipment.
7. The Company shall not be liable for end-user fraud associated with failure of the subscriber's equipment to perform.
8. Suspension of service as specified in this tariff is not available to COPT Coin Line Service unless the instrument is located within an establishment which is temporarily closed and, as such, will be totally inaccessible to the general public for the period of suspension. In all cases, the decision to permit temporary suspension of service for a COPT Coin Line rests with the Company.

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LOCAL TELEPHONE EXCHANGE SERVICE

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CUSTOMER OWNED PAY TELEPHONE (COPT) COIN LINE SERVICE

A. DEFINITIONS AND CONDITIONS (Continued)

9. COPT Coin Line Service will be provided from central offices where facilities are available.
10. Coin sent paid interLATA calls from COPT Coin Lines may be routed to any Interexchange Carrier selected by the customer who has the required coin signaling capabilities (i.e., coin recognition, coin control, etc.) which are required to complete the call.
11. COPT Coin Line service will be provided where technically economically feasible.

B. FEATURES

1. Service is provided in equal access Stored Program Control (SPC) central offices where coin line control equipment is available.
2. Service is provided on a one-way or a two-way basis at the customers option.
3. Coin signaling, including coin collect and coin return, is provided by the network. Coin collect identifies when a call is completed. Coin return occurs when a no answer or busy signal is encountered.
4. Billed Number Screening is provided for the automatic blocking via validation data bases of third number billing, collect billing, or both to the line.
5. Selective Class of Call Screening is provided to alert operator services systems (live and mechanical) that a call is originating from a COPT Coin Line which may require special handling and billing treatment.
6. Central office 900 and 976 blocking is provided.
7. Standard recorded announcements used for calls from the Company's Public Telephone Service pay telephones are used for calls that originate from a COPT Coin Line.

LOCAL TELEPHONE EXCHANGE SERVICE

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CUSTOMER OWNED PAY TELEPHONE (COPT) COIN LINE SERVICE

B. FEATURES (Continued)

8. All 0-, 0+ and 1+ intraLATA toll calls and 0+ local calls are handled by the Company's operator services system.
9. All 0+ interLATA calls are routed to the presubscribed carrier.

C. RESPONSIBILITY OF THE SUBSCRIBER

1. The subscriber is subject to the requirements set forth in this Tariff.
2. The subscriber is responsible for the payment of all charges for outgoing sent-paid local calls and message toll telephone service calls.
3. Special billing and coin sharing arrangements between a COPT Coin Line Subscriber and another carrier are the responsibility of the COPT Coin Line subscriber.
4. It is the subscriber's responsibility to ensure instruments used in conjunction with the COPT Coin Line Service are capable of rating sent-paid local calls.

D. RATES AND CHARGES

	<u>Monthly Rate</u>	<u>NRC</u>
Customer Owned Pay Telephone (COPT) Coin Line Service		
Two-way Per Access Line. . . . .	\$ 28.84	\$ *
One-way Per Access Line. . . . .	28.84	\$ *

\* Business Service Charges specified elsewhere in this Tariff shall apply.

1. No charge will be imposed for incoming calls.
2. Sent-paid local calls will be rated at the Company's central office. Local messages include calls made to Local Calling Area exchanges listed elsewhere in this Tariff.

LOCAL TELEPHONE EXCHANGE SERVICE

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CUSTOMER OWNED PAY TELEPHONE (COPT) COIN LINE SERVICE

D. RATES AND CHARGES (Continued)

3. Operator assisted sent-paid and non sent-paid local (\$.35) and toll calls, including operator service charges, will be rated to the end-user at rates as specified elsewhere in this tariff and other tariffs of the Company.
4. The appropriate Service Charges as specified elsewhere in this Tariff are applicable for each COPT Coin Line installed, moved, or changed, except as shown below:
  - a. Supersedures or Transfer of service will be charged \$12.26 per line.
  - b. All other record-type only changes will be charged \$11.11 per line as applicable as shown under "Service Charges" elsewhere in this tariff.
5. Calls to Directory Assistance will be charged to the end-user at rates specified elsewhere in this tariff and other tariffs of the Company.
6. The rate for Busy Verification as specified elsewhere in this Tariff is applicable.
7. Subscribers to Customer-Owned Pay Telephone (COPT) Coin Line Service may be listed in the directory as specified elsewhere in this tariff under "Directory Services".

LOCAL TELEPHONE EXCHANGE SERVICE

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OPTIONAL FEATURES

A. ANSWER SUPERVISION

Answer Supervision is the line side functionality that provides an electrical signal to the calling end of a switched telephone connection when the called line goes off-hook. Customer Owned Pay Telephone (COPT) Answer Supervision will be provided for use with Public Telephone Access Service to assist in determining when billing for a specific call should commence.

	<u>Monthly Rate</u>	<u>NRC</u>
Customer Owned Pay Telephone (COPT) Coin Line Answer Supervision Service		
Per Access Line. . . . .	\$8.10	\$ *

\* Business Service Charges specified elsewhere in this Tariff shall apply.

LOCAL TELEPHONE EXCHANGE SERVICE

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EMERGENCY SERVICES

ENHANCED EMERGENCY NUMBER SERVICE (E9-1-1)

A. GENERAL

Enhanced Emergency Number Service, also referred to as E9-1-1 Service, is a telephone exchange communications service whereby a Public Safety Answering Point (PSAP) designated by the Customer may receive and answer telephone calls placed by dialing the number 911. It includes the services provided by the lines and equipment associated with the service arrangement for the answering, transferring and dispatching of public emergency telephone calls dialed to 911. Equipment used in conjunction with E9-1-1 Service located at the PSAP must be provided by the Customer.



LOCAL TELEPHONE EXCHANGE SERVICE

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EMERGENCY SERVICES

ENHANCED EMERGENCY NUMBER SERVICE (E9-1-1)

B. APPLICABILITY

This service is applicable to governmental agencies responsible for providing emergency services within the E9-1-1 Service Area.

The Company's E9-1-1 Service is limited to the transport of a 9-1-1 call from a caller (end user) to a Public Safety Answering Point (PSAP).

E 9-1-1 Service is provided solely for the benefit of the E9-1-1 Customer operating the Public Safety Answering Point (PSAP). The provision of E9-1-1 Service by the Company shall not be interpreted, construed, or regarded as being either expressed or implied for the benefit of or creating any Company obligation toward or any right of action on behalf of any third party or legal entity other than the E9-1-1 Customer. Company's liability shall be as set out in this Tariff and in any other tariffs which may apply to services provided by Company to.

C. TERRITORY

This service is offered in all areas of the state covered by the Company E9-1-1 Service per the provisions of Tariff M.P.S.C. No. 1R, Index of Exchanges.

D. ACRONYMS AND DEFINITIONS

1. Acronyms

ALI - Automatic Location Identification  
ANI - Automatic Number Identification  
CAD - Computer Aided Dispatch  
CAS - Call Associated Signaling  
CBN - Call Back Number  
CLEC - Competitive Local telecommunications Exchange Company  
CO - Central Office  
CPE - Customer Premises Equipment  
CPN - Calling Party Number  
DBMS - Data Base Management System  
DID - Direct Inward Dial  
DMS - Data Management System  
DN - Directory Number

LOCAL TELEPHONE EXCHANGE SERVICE

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EMERGENCY SERVICES

ENHANCED EMERGENCY NUMBER SERVICE (E9-1-1)

D. ACRONYMS AND DEFINITIONS

1. Acronyms (Continued)

EMF - Enhanced Multi-Frequency  
EMS - Emergency Medical Service  
ERA - Emergency Response Agency  
ESN/ESZ - Emergency Service Number / Emergency Service Zone  
ESP - Emergency Service Provider  
ESRD - Emergency Service Routing Digits  
ESRK - Emergency Service Routing Key  
FCC - Federal Communications Commission  
FGD - Feature Group D  
ICB - Individual Case Basis  
LSP - Local Service Provider  
MDN - Mobile Directory Number  
MF - Multi-Frequency  
MIN - Mobile Identification Number  
MPC - Mobile Position Center  
MSAG - Master Street Address Guide  
MSC - Mobile Switching Center  
NCAS - Non-Call Associated Signaling  
NCM - Network Control Modem  
NENA - National Emergency Number Association  
NID - Network Interface Device  
NPA - Numbering Plan Area  
NPD - Numbering Plan Digit  
pANI - Pseudo ANI  
PBX - Private Branch Exchange  
PDE - Position Determining Entity  
PS-ALI - Private Switch/ALI  
PSAP - Public Safety Answering Point  
PSP - Private Switch Provider  
PSTN - Public Switched Telephone Network  
RALI - Regional ALI Database System  
SCP - Service Control Point  
SRDB - Selective Routing DataBase  
SS7 - Signaling System 7  
TOPS - Traffic Operator Position System  
WSP - Wireless Service Provider

LOCAL TELEPHONE EXCHANGE SERVICE

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EMERGENCY SERVICES

ENHANCED EMERGENCY NUMBER SERVICE (E9-1-1)

D. ACRONYMS AND DEFINITIONS (Continued)

2. Definitions

9-1-1

A three digit telephone number to facilitate the reporting of an emergency requiring response by a public safety agency.

9-1-1 Interoffice Facility

An intraexchange or interexchange trunk capable of forwarding ANI between central offices.

Access Lines

The connecting facility between a customer's premises network interface device (NID) and the local exchange carrier's Facility that provides access to the switching network for local exchange and interexchange telecommunications service.

Alternate Routing (AR)

The capability of routing E9-1-1 calls to a designated alternate location(s) if all E9-1-1 trunks to a primary PSAP are busy or out of service. May be activated upon request or automatically, if detectable, when E9-1-1 equipment fails or the PSAP itself is disabled.

Automatic Location Identification (ALI)

The automatic display at the PSAP of the caller's telephone number, the address/location of the telephone and supplementary emergency services information.

Automatic Location Identification (ALI) Database

The set of ALI records residing on a computer system.

Automatic Location Identification (ALI) Database Administration

The functionality provided by the Company for the creation and updated maintenance of ALI records in the ALI database. ALI Database Administration Service does not include ALI storage or processing for use during an E9-1-1 call.

Automatic Location Identification Records

The telephone number, the address/location of the telephone, Emergency Service Number (ESN), and supplementary emergency service information for display at a PSAP.

Automatic Location Identification Storage/Retrieval

Equipment and software used to store and retrieve ALI Records

Automatic Number Identification (ANI)

Telephone number associated with the access line from which a call originates.

LOCAL TELEPHONE EXCHANGE SERVICE

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EMERGENCY SERVICES

ENHANCED EMERGENCY NUMBER SERVICE (E9-1-1)

D. ACRONYMS AND DEFINITIONS (Continued)

2. Definitions (Continued)

Call Associated Signaling (CAS)

A method of delivering the CBN (may not be a true call back number, for example, if a wireless phone has not been initiated, or has been purchased for emergency use only with no phone number assignment, etc.) and ESRD of the cell sector from which the call originated. These 20-digits are delivered from the wireless carrier's Mobile Switching Center to the E9-1-1 Selective Router(s) which then transmits the 20-digits to the PSAP. The PSAP queries the ALI database using the ESRD to retrieve cell sector information stored in the ALI database.

Call Back Number (CBN)

This is a generic term for the telephone number delivered to the 9-1-1 Network by the wireless carrier in the calling party number field. It may be, but is not limited to, the MDN, the MIN, or a surrogate CBN associated with the mobile handset. The number may or may not be a call back number, especially if it is a wireless phone that has not been initiated or has been purchased for emergency use only with no phone number assignment.

Caller

An individual placing a 9-1-1 call in order to obtain emergency assistance. May also be referred to as a subscriber or an end user.

Central Office

The Local Exchange Carrier facility where access lines are connected to switching equipment for connection to the Public Switched Telephone Network. Also referred to as End Office.

CLEC

See Local Service Provider definition.

COMPANY

Frontier North, Inc.

(T)

Computer Aided Dispatch (CAD)

A computer based system, which aids PSAP attendants by automating selected dispatching and record keeping activities.

Customer

Governmental unit or other entity authorized to provide E9-1-1 Service.

Customer Premises Equipment (CPE)

Communications or terminal equipment located in the Customer's facilities.

LOCAL TELEPHONE EXCHANGE SERVICE

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EMERGENCY SERVICES

ENHANCED EMERGENCY NUMBER SERVICE (E9-1-1)

D. ACRONYMS AND DEFINITIONS (Continued)

2. Definitions (Continued)

Data Base (DB)

An organized collection of information, typically stored in computer systems, comprised of fields, records (data) and indexes. In E9-1-1, such data bases include MSAG, telephone number/ESN, and telephone subscriber records.

Database Management System (DBMS)

A system of manual procedures and computer programs and systems used to create, store, and update the data required to provide the Selective Routing (SR) data and/or Automatic Location Identification (ALI) for E9-1-1 systems.

Data Base Management System Provider

Entity providing Selective Routing (SR) and/or Automatic Location Identification (ALI) data services.

Dedicated Circuit

A telephone circuit used for a single purpose, such as transmission of E9-1-1 calls.

Default Routing (DR)

The capability to route an E9-1-1 call to a designated (default) PSAP when the incoming E9-1-1 call cannot be selectively routed due to an ANI failure or other causes. This is a standard feature of E9-1-1 Service. No ANI/ALI data may be available when a call is sent via Default Routing.

Direct Inward Dialing (DID)

The ability for a caller outside a company to call an internal extension without having to pass through a switchboard operator or attendant at the MLTS.

Emergency Medical Service (EMS)

Fire, hospital, poison control, etc. response centers.

Emergency Response Agency (ERA)

An agency authorized to respond to emergencies initiated by 9-1-1 calls.

Emergency Service Number (ESN)/Emergency Service Zone (ESZ)

An ESN is a three to five digit number representing a unique combination of emergency service agencies (Law Enforcement, Fire and Emergency Medical Service) designated to serve a specific range of addresses within a particular geographical area, or Emergency Service Zone (ESZ). The ESN facilitates selective routing and selective transfer, if required, to the appropriate PSAP and the dispatching of the proper service agency(ies).

LOCAL TELEPHONE EXCHANGE SERVICE

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EMERGENCY SERVICES

ENHANCED EMERGENCY NUMBER SERVICE (E9-1-1)

D. ACRONYMS AND DEFINITIONS (Continued)

2. Definitions (Continued)

Emergency Service Routing Digits (ESRD)

A pseudo ANI typically used with Call Associated Signaling (CAS) architecture that identifies the cell site or cell sector from which a wireless E9-1-1 call originates. The ESRD may also be used to retrieve the ALI associated with the wireless call.

Emergency Service Routing Key (ESRK)

A pseudo ANI typically used with Non-Call Associated Signaling (NCAS) which identifies a group of cell sites or cell sectors in a defined geographic area associated with an ESZ or group of ESZs. The ERSK may also be used to retrieve the ALI associated with the wireless call.

End Office

The Central Office(s) in the E9-1-1 System from which E9-1-1 calls are originated. Also see Central Office.

End User

An individual placing a 9-1-1 call in order to obtain emergency assistance. May also be referred to as a caller or a subscriber.

Enhanced 9-1-1 (E9-1-1)

An emergency telephone system which includes network switching, database and CPE elements capable of providing Selective routing, Selective transfer, Fixed Transfer, ANI and ALI.

Enhanced 9-1-1 Service Area

The geographic area in which the Customer will respond to all E9-1-1 calls and dispatch appropriate emergency assistance.

E9-1-1 TANDEM

The Central Office that provides the tandem switching of E9-1-1 calls. It controls delivery of the voice call with ANI to the PSAP and provides Selective Routing, Speed Calling, Selective Transfer, Fixed Transfer, and certain maintenance functions for each PSAP. Also known as E9-1-1 Selective Routing Tandem or Selective Router.

Enhanced Multi-Frequency (EMF)

The ability to pass 20-digits from the E9-1-1 Selective Router to the PSAP.

Feature Group D (FGD)

An MF signaling protocol, originally developed to support equal access to long distance services, capable of carrying one or two ten-digit telephone numbers.

LOCAL TELEPHONE EXCHANGE SERVICE

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EMERGENCY SERVICES

ENHANCED EMERGENCY NUMBER SERVICE (E9-1-1)

D. ACRONYMS AND DEFINITIONS (Continued)

2. Definitions (Continued)

Forced Disconnect

A function of the E9-1-1 Central Office trunk circuit which enables the PSAP attendant to release a connection even though the calling party has not hung up. This feature prevents the jamming of the E9-1-1 exchange lines and is a standard feature of E9-1-1 Service.

J-Std-034

A standard jointly developed by the Telecommunications Industry Association (TIA) and the Alliance for Telecommunications Industry Solutions (ATIS), to provide the changes necessary to various existing standards to accommodate the Phase I requirements. This standard identifies the interconnection between the Mobil Switching Center (MSC) and the E9-1-1 Selective Router/switch.

J-Std-036

A standard, jointly developed by the Telecommunications Industry Association (TIA) and the Alliance for Telecommunication Industry Solutions (ATIS), that defines standards for E9-1-1 service relating to wireless E9-1-1 implementation. This also defines technical requirements for Phase II Wireless E9-1-1 Service.

Local Service Provider (LSP)

Dial tone providers, i.e., Local Exchange Carriers, Competitive Local Exchange Carriers (CLECs), Shared Tenant Service Providers, Private Switch Providers (PSPs), etc.

Master Street Address Guide (MSAG)

A database of street names and house number ranges within their associated communities defining Emergency Service Zones (ESZs) and their associated Emergency Service Numbers (ESNs) to enable proper routing of E9-1-1 calls.

Mobile Directory Number (MDN)

The telephone number dialed to reach a wireless telephone.

Mobile Identification Number (MIN)

A 34-bit binary number that a wireless handset transmits to identify itself to the wireless network.

Mobile Position Center (MPC)

The interface between the wireless network and the wireless location network. The MPC retrieves, forwards, stores, and controls position data within the location network. The MPC is not provided by and is not the responsibility of the Company.

Mobile Switching Center (MSC)

The wireless equivalent of a central office, which provides switching functions for wireless calls. As an element of the wireless network, the MSC is not provided by the Company and is not the responsibility of the Company.

LOCAL TELEPHONE EXCHANGE SERVICE

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EMERGENCY SERVICES

ENHANCED EMERGENCY NUMBER SERVICE (E9-1-1)

D. ACRONYMS AND DEFINITIONS (Continued)

2. Definitions (Continued)

Multi-Frequency (MF)

A type of signaling used on inter-office and E9-1-1 trunks.

National Emergency Number Association (NENA)

The National Emergency Number Association is a not-for-profit corporation that is a networking source and promotes research, planning and training. NENA provides education, sets standards, and provides certification programs, legislative representation and technical assistance for implementing and managing 9-1-1 systems.

National Emergency Number Association 02-010

A recommended set of formats and protocols for the Automatic Location Identification (ALI) data exchange between service providers and Enhanced 9-1-1 systems or their database provider, developed by NENA Data Standards Subcommittee.

National Emergency Number Association 03-002

A technical reference, developed by the NENA Network Technical Committee, which provides recommendations for the implementation of Enhanced Multi-Frequency (EMF) Signaling, from the E9-1-1 Selective Router to PSAP. The J-Std-034 FG-D protocol is the corollary protocol of NENA 03-002.

Network Control Modem

The Dial-Up Network Control Modem (Dial-Up NCM) will provide the PSAP the ability to transfer E9-1-1 traffic to an alternate PSAP from anywhere via a standard dial-up line from either a wire-line or cell phone. The Dial-Up NCM will activate the make busy feature at the tandem switch by activating a relay on the NCM card which is controlled by fully secure and password protected telephone keypad entries.

Network Interface Device

A device wired between a telephone protector and the inside wiring to isolate the subscriber's equipment from the network. Can also be a device that performs, functions such as code and protocol conversion, and buffering required for communications to and from a network. A device used primarily within a local area network to allow a number of independent devices, with varying protocols, to communicate with each other. This communications is accomplished by converting each device protocol into a common transmission protocol.

Non-Listed Service

Subscriber information that is not listed in the published telephone directory but is made available via Directory Assistance Service.

Non-Published Service

Subscriber information that is neither listed in the published telephone directory nor available via Directory Assistance Service.



LOCAL TELEPHONE EXCHANGE SERVICE

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EMERGENCY SERVICES

ENHANCED EMERGENCY NUMBER SERVICE (E9-1-1)

D. ACRONYMS AND DEFINITIONS (Continued)

2. Definitions (Continued)

Numbering Plan Area (NPA)

An established three-digit area code for a particular calling area.

Numbering Plan Digit (NPD)

A component of the traditional 9-digit E9-1-1 signaling protocol between the Enhanced 9-1-1 Control Office and the PSAP CPE. Identifies 1 of 4 possible area codes.

NXX

The first three digits of a local telephone number that identifies the central office switching location within its area code.

P.01 Grade Of Service

The probability (P), expressed as a decimal fraction, of a telephone call being blocked. P.01 is the grade of service reflecting the probability that one call out of one hundred during the average busy hour will be blocked. P.01 is the minimum recommended Grade of Service for E9-1-1 trunk groups.

Phase I E9-1-1

The service by which the WSP delivers to the designated PSAP the wireless subscriber's call back number and cell site/sector information when a wireless subscriber makes a 9-1-1 call, as contracted by the Customer. Phase I wireless standards are outlined in J-Std-034 per the FCC Docket No. 94-102.

Phase I Call Associated Signaling (CAS)

A method of delivering the CBN (may not be a true call back number, for example, if wireless phone has not been initiated, or has been purchased for emergency use only with no phone number assignment, etc.) and ESRD of the cell site/sector from which the wireless call originated. These 20 digits are delivered from the wireless carrier's Mobile Switching Center to the E9-1-1 Selective Router, which then transmits the 20 digits to the PSAP. The PSAP then queries the ALI database using the ESRD to retrieve cell/site sector information stored in the ALI database.

Phase I Non-Call Associated Signaling (NCAS)

A method of delivering the voice portion of the wireless E9-1-1 call from the wireless carrier's MSC to the E9-1-1 Selective Router. An ESRK (also known as pANI) is assigned when the E9-1-1 call is made and is used for the routing of the ANI to the PSAP. The PSAP will query the ALI database using the ESRK which, in turn, will "steer" to the wireless carrier's database to "pull" the wireless caller's CBN (may not be a true call back number) and cell site/sector information for delivery back to the PSAP.

LOCAL TELEPHONE EXCHANGE SERVICE

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EMERGENCY SERVICES

ENHANCED EMERGENCY NUMBER SERVICE (E9-1-1)

D. ACRONYMS AND DEFINITIONS (Continued)

2. Definitions (Continued)

Phase II E9-1-1

The service by which the WSP delivers to the designated PSAP the wireless subscriber's call back number, cell site/sector information, as well as X, Y (longitude, latitude) coordinates to the accuracy standards set forth in the FCC Docket No. 94-102. Phase II standards are outlined in J-Std-036.

Phase II Wireline Compatibility Mode (originally known as Phase II "NCAS")

A method of delivering the voice portion of the wireless E9-1-1 call using CAMA or SS7 trunking from the wireless carrier's MSC to the E9-1-1 Selective Router. An ESRK (also known as pANI) is assigned when the E9-1-1 call is made and is used for the routing of the ANI to the PSAP. The PSAP will query the ALI database using the ESRK which, in turn, will "steer" to the wireless carrier's database to "pull" the wireless caller's location information (including callback number) for delivery back to the PSAP.

Position Determining Entity (PDE)

The PDE determines the geographic location of a wireless handset, as described in FCC Phase II standards, when the wireless caller places an E9-1-1 call or while the call is in process. The PDE is not provided by and is not the responsibility of the Company.

Private Branch Exchange (PBX)

A private telephone switch that is connected to the Public Switched Telephone Network.

Pseudo ANI (pANI)

A telephone number used to support routing of wireless E9-1-1 calls. It may identify a wireless cell site or sector to which the call should be routed. Also known as a routing number, ESRK (Emergency Services Routing Key) or ESRD (Emergency Services Routing Digit).

Public Safety Answering Point (PSAP)

A facility equipped and staffed to receive 9-1-1 calls. A primary PSAP receives the calls directly. If the call is relayed or transferred, the next receiving PSAP is designated a Secondary PSAP.

PSAP Attendant

A person authorized by the Customer who is responsible for answering incoming E9-1-1 calls at a PSAP, determining the action to be taken, and executing the PSAP's procedures in the disposition of such calls.

Public Switched Telephone Network (PSTN)

Any common carrier network that provides circuit switching between public users.

LOCAL TELEPHONE EXCHANGE SERVICE

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EMERGENCY SERVICES

ENHANCED EMERGENCY NUMBER SERVICE (E9-1-1)

D. ACRONYMS AND DEFINITIONS (Continued)

2. Definitions (Continued)

Record

The subscriber information associated with a telephone number.

For Wireline billing, the number of records will be equal to the total of the Company's subscriber access lines, and the actual number of record counts for non-Company records (e.g., other ILECs, CLECs, Shared Tenant Services, Private Switch providers, WSPs, etc.), in the E9-1-1 database. Wireline billing will be updated annually.

For Wireless billing, records will be counted as a combination of the Company wireline records (access lines) and non-Company wireline records in the geographic area for which the Customer is requesting wireless E9-1-1 services (known as the wireless E9-1-1 area). This record count will be updated annually.

Regional ALI Storage / Processing

Regional ALI Storage / Processing service stores E9-1-1 location data, and processes ALI retrieval requests from PSAPs for E9-1-1 calls. It consists of the computer system(s), hardware, software and data located within the Company. The ALI records are updated once a day. This service does not include the circuit(s) from the PSAP to the ALI platform or circuits to another database.

Regional ALI Port

Provides the termination port for circuits to the RALI computer platform for ALI record retrieval from PSAPs.

Selective Router (SR)

See E9-1-1 Tandem

Selective Routing (SR)

The routing of a E9-1-1 call to the proper PSAP based on the ANI of the wireline caller or the Pseudo ANI of the wireless caller. Selective Routing is controlled by the ESN which is derived from the Customer's MSAG. The Selective Router is also referred to as the E9-1-1 Tandem.

LOCAL TELEPHONE EXCHANGE SERVICE

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EMERGENCY SERVICES

ENHANCED EMERGENCY NUMBER SERVICE (E9-1-1)

D. ACRONYMS AND DEFINITIONS (Continued)

2. Definitions (Continued)

Selective Routing Data Base (SRDB)

The routing table that contains telephone number to ESN relationships which determines the routing of E9-1-1 calls.

Selective Transfer

The capability to transfer an E9-1-1 call to a response agency by operation of one of several buttons typically designated as Law enforcement, fire, and EMS; based on the ESN of the caller.

Service Control Point (SCP)

A centralized database system used for, among other things, Wireless E9-1-1 Service applications. It specifies the routing of E9-1-1 calls from the cell site to the PSAP. This hardware device contains special software and data that includes information on all relevant cell site locations and cell sector identifiers. This SCP equipment is not provided by, and is not the responsibility of, the Company.

Serving Central Office

The central office from which a PSAP, either primary or secondary, is served.

Signaling System 7 (SS7)/Common Channel Signaling 7 (CCS7)

An out-of-band signaling system used to provide basic routing information, call set-up and other call termination functions. Signaling is removed from the voice channel itself and put on a separate data network. Also known as Common Channel Signaling No. 7 (CCS7)

Subscriber

A person or business that orders access line service from a telephone company.

TOPS – Traffic Operator Position System

TOPS is a feature of the Nortel DMS switch that provides Operator Services capabilities: 1) Call Completion, 2) Directory Assistance, and 3) Intercept services.

Wireless E9-1-1 Area

The geographic area within which the Customer is requesting Wireless E9-1-1 Service.

Wireless Service Provider (WSP)

Cellular, satellite or other radio-based telephony or data transport commercial entity.

X, Y Coordinates

Shorthand expression for coordinates that identify a specific location in two dimensions representing latitude and longitude.

LOCAL TELEPHONE EXCHANGE SERVICE

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EMERGENCY SERVICES

ENHANCED EMERGENCY NUMBER SERVICE (E9-1-1)

E. EMERGENCY TELEPHONE CHARGE

1. Pursuant to Michigan Public Act 32 of 1986 (P.A. 32) the Company will provide a billing and collection service for an Emergency Telephone Charge.
2. The Emergency Telephone Charge will be based on costs and charges of the service supplier subject to limitations specified in P.A. 32 and will be uniform for each exchange access line within the E9-1-1 Service District.
  - a. The amount of the Emergency Telephone Charge billed to the service user for recurring costs and charges will not exceed a percent as specified in P.A. 32 of the highest monthly base rate charged for one-party flat-rate residence service within the E9-1-1 Service District.
  - b. The amount of the Emergency Telephone Charge billed to service users for nonrecurring costs and charges will not exceed a percent as specified in P.A. 32 of the highest monthly base rate charged for one-party flat-rate residence service within the E9-1-1 Service District. This portion of the Emergency Telephone Charge shall be amortized over a period not to exceed five years, as approved by the Michigan Public Service Commission (M.P.S.C.), and will be billed to service users only until such nonrecurring charges are fully recovered by the service supplier.
3. Since service supplier exchange boundaries and E9-1-1 Service District boundaries may not coincide, the Emergency Telephone Charge will be billed to all service users served by a central office which provides E9-1-1 Service.
4. The Company will make an annual accounting of the total emergency telephone charges collected during the preceding calendar year to the E9-1-1 Service District within ninety days after the first day of the calendar year.

LOCAL TELEPHONE EXCHANGE SERVICE

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EMERGENCY SERVICES

ENHANCED EMERGENCY NUMBER SERVICE (E9-1-1)

F. RULES AND REGULATIONS

1. E9-1-1 Service is provided by the Company where facility and operating conditions permit.
2. E9-1-1 is limited to the use of central office number 9-1-1 as the universal emergency number and only one E9-1-1 Service will be provided within any Customer's E9-1-1 Service area.
3. E9-1-1 Service is classified as Business Exchange Service and is arranged for one-way incoming Service to the appropriate PSAP. Outgoing calls can only be made on a transfer basis.
4. The E9-1-1 Customer may be a municipality, county, or other state or local governmental unit or an authorized agent of one or more municipalities, counties, or other state or local governmental units to whom authority has been lawfully delegated. The Customer must be legally authorized to subscribe to the service and have public safety responsibility by law to respond to telephone calls from the public for emergency, law enforcement, fire, EMS, and other emergency services within the E9-1-1 Service Area.
5. The Company does not answer and/or forward E9-1-1 calls, but furnishes the use of its facilities to enable the E9-1-1 Customer's personnel to receive such calls.
6. E9-1-1 calls originated from local exchange telephone network access facilities shall be completed to the appropriate PSAP without a charge being assessed to the end user by the Company. Calls from a pay telephone shall not require a coin to be deposited or payment of any charge. Calls using toll facilities are subject to normal charges.
7. Residential subscribers, whose telephone services have been disconnected, will continue to have access to E9-1-1 service (outgoing service only).
8. The calling party forfeits any privacy rights afforded by a non-published or non-listed service when calling E9-1-1.
9. The Company offers some services that may not be currently available in the Customer's area. If the Customer decides to order these services, the Company requires an executed Application for Service before provisioning these offerings. When the Customer orders these features subsequent to the effective date of this tariff, the Company will provide the estimated installation date to the Customer.

LOCAL TELEPHONE EXCHANGE SERVICE

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EMERGENCY SERVICES

ENHANCED EMERGENCY NUMBER SERVICE (E9-1-1)

F. RULES AND REGULATIONS (Continued)

10. Services offered under this tariff are not subject to temporary suspension for non-payment. Service will continue to be provided and billed at applicable rates, and the Company and Customer agree to work cooperatively together to establish reasonable payment arrangements.
11. The 9-1-1 emergency number is not intended to replace the telephone service of the various public safety agencies which may participate in the use of this number. The Customer must subscribe for additional local exchange service at the PSAPs for administrative purposes for placing of outgoing calls and for receiving other emergency calls, including any which might be relayed by Company or other operators. In order for phone calls of a non-emergency nature to reach the PSAP, the main directory listing for the PSAP must be a ten-digit local exchange administrative telephone number.
12. Prior to dispatch, the E9-1-1 PSAP attendant dispatcher will attempt to obtain the location of the incident from the caller. The address information maintained by the Company may not be the actual location of the caller's need.
13. The rates charged for E9-1-1 Service do not include the constant monitoring or inspection of facilities to discover errors, defects and malfunctions in the Service. The Customer shall make such operational tests as, in the judgment of the Customer, are required to determine whether the system is functioning properly for its use. The Customer shall promptly notify the Company in the event the system is not functioning properly.
14. When an order for E9-1-1 Service and facilities or requests for additions, rearrangements, relocations or modifications or Service and equipment are canceled in whole or in part prior to completion of the work involved, the Customer is required to reimburse the Company for all expenses incurred in handling the request before notice of cancellation is received, such charges, however, are not to exceed all charges which would apply if the work involved in complying with the request had been completed.

LOCAL TELEPHONE EXCHANGE SERVICE

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EMERGENCY SERVICES

ENHANCED EMERGENCY NUMBER SERVICE (E9-1-1)

F. RULES AND REGULATIONS (Continued)

15. When an E9-1-1 Service is ordered out of this tariff by the Customer, the Company will bill the Customer upon the in-service date of the System. Where an additional component or service, or a change to the service is ordered, the additional service or change will be billed upon its in-service date.
16. Company obligations for E9-1-1 Service may be further defined with each Customer. Provisioning of E9-1-1 Service will conform to state and federal rules and regulations.
17. Customer may order other services from Company, outside the scope of this E9-1-1 Service tariff, as may be available in Company's other tariffs, at the rates, terms and conditions set forth in the applicable tariff. If no such tariff exists, the services may be provided on an individual case basis (ICB) where facilities and operating conditions permit.
18. Rates and charges for the E9-1-1 Service elements are shown in this tariff, Tariff M.P.S.C. No. 1R, Emergency Services, Section J. When an E9-1-1 installation is desired by a Customer whose serving area does not meet the preceding criteria, E9-1-1 Service is available with any of the Service Elements as itemized in this tariff, Tariff M.P.S.C. No. 2R, Emergency Services, Section I; however, the Customer is required to bear additional charges which may result from provision of such a system.



LOCAL TELEPHONE EXCHANGE SERVICE

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EMERGENCY SERVICES

ENHANCED EMERGENCY NUMBER SERVICE (E9-1-1)

F. RULES AND REGULATIONS (Continued)

19. If nonrecurring charges are not paid in full at the time of installation a contractual payment schedule will be developed with the Customer in conformance with Michigan law.
20. Provision of E9-1-1 Service will be in compliance with all rules, regulations and funding mechanisms set forth in Michigan Public Act 32 of 1986.
21. NETWORK
  - a) Company serving boundaries and political subdivision boundaries may not coincide. If a central office serves telephones located both within and outside the public safety jurisdiction, it is the obligation of the Customer to make arrangements to handle all E9-1-1 calls that originate from telephones served by these central offices.
  - b) Customer must subscribe to sufficient E9-1-1 End Office to Selective Router and Selective Router to PSAP trunks to adequately handle incoming calls in each Customer's average busy hour so that no more than one call out of 100 (P.01 transmission grade of service) encounters call blockage. This requirement may be waived by the Company when an end office is a remotely controlled switch.
  - c) Where a 9-1-1 call is placed by the calling party via interconnection with an interexchange carrier, the Company cannot guarantee the completion of said 9-1-1 call, the quality of the call or any service elements that may otherwise be provided with E9-1-1 Service.
  - d) The Company will provide diverse routing where available. Options for diversity will be reviewed at the time of system design. In the event where the Customer requires additional diversity, it will be provided subject to availability as a joint decision between the Company and the Customer. Additional charges may apply.

LOCAL TELEPHONE EXCHANGE SERVICE

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EMERGENCY SERVICES

ENHANCED EMERGENCY NUMBER SERVICE (E9-1-1)

F. RULES AND REGULATIONS (Continued)

22. DATA

- a) Information provided by the Company as part of the provision of E9-1-1 is to be used only for the purpose of answering and dispatching emergency calls.
- b) E9-1-1 information consisting of the names, address, and telephone numbers of subscribers whose listings are not published in directories or listed in Directory Assistance Offices is confidential. Thus, information will be provided on a call-by-call basis only for the purpose of responding to emergency calls at the PSAPs, or to qualified Emergency Service Providers (ESPs) per 47 USC 222 (g), who purchase Emergency Service Listings (not included in this tariff). The E9-1-1 calling party forfeits the privacy afforded by private and semiprivate telephone number service to the extent that the telephone number, address, and name associated with the originating station location is furnished to the PSAPs or ESPs.
- c) The Company is obligated, by the requirements of the Electronic Communications Privacy Act of 1986 (18 USC 2703), to take prudent action to protect its subscribers' rights to privacy and to protect its proprietary ALI databases – except as mandated by 47 USC 222 (g). When the Company or other local exchange carrier provides the ALI controller service to the Customer's PSAP, these requirements are met by the direct control that the Company or other local exchange carrier retains over the ALI software.
- d) The company may begin Master Street Address Guide (MSAG) preparation upon application from the Customer with assurance that: 1) 90% of the access lines associated with the proposed Enhanced 9-1-1 system have standard service addressing (i.e., house numbers, street names, and postal communities), 2) a plan to resolve the remaining 10% has been determined.
- e) The Company will build and maintain the MSAG file in concert with the Customer utilizing standard service addresses (i.e., house numbers, street names, and postal communities).
- f) Customer initiated changes and rearrangements to the MSAG that affect service address and ALI database records (e.g., street name and number changes, emergency services territorial or name change, jurisdictional boundary changes and rearrangements, etc.) other than those processed in normal daily updates require a comparative listing of changes providing direct and individual reference to existing designations.
- g) The Company will provide to the Customer, on request only, and limited to once per year, via electronic means only, one copy of the MSAG at no charge, to be used solely for the verification of emergency services routing designations for E9-1-1 Services. Customers of ALI Database Administration Service will always have unlimited electronic access to view ranges of their MSAG data at no additional charge. Additional copies will be provided outside the scope of this tariff at an additional charge.

LOCAL TELEPHONE EXCHANGE SERVICE

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EMERGENCY SERVICES

ENHANCED EMERGENCY NUMBER SERVICE (E9-1-1)

F. RULES AND REGULATIONS (Continued)

22. DATA (Continued)

- h) Information concerning MSAG, error reports, and audit reports will be provided to the Customer upon request in the same media (either fax or via electronic means) as requested by the Customer. For information not provided as part of normal moves and changes or error correction, the Customer must provide that request in writing to the Company. The Company is restricted from providing information that is prohibited by Federal, State and Local laws.
- i) With respect to subscribers of non-regulated telephone services (e.g. shared tenant service or PBX service), callers placing E-9-1-1 calls originating on telephone lines that carry foreign dial tone or calls originating outside the Customer's E9-1-1 Service area, Company is not responsible for the accuracy of subscriber location information (ALI or ANI)
- j) Company is not responsible when a 9-1-1 caller originates a call from a system or line which makes the provision of specific location information impossible to provide due to technical reasons or limitations, including but not limited to limitations on the ability to provide subscriber information in conjunction with multi-party lines, private telecommunications services (e.g., PBXs or shared tenant services) or 9-1-1 calls originating over Customized Multi-line Telephone Service lines. (T)
- k) Company is not responsible for obtaining subscriber record information from private telecommunications systems (e.g., PBXs or shared tenant service arrangements), and accepts no responsibility for such information unless provided to Company by Customer. Company makes no representation or warranty as to the accuracy of subscriber information provided to it by Customer.
- l) The rates and charges for E9-1-1 Service elements are based upon utilizing standard service addresses (i.e. house numbers, street names, and postal communities) in populating the DMS (Data Management System). Addressing not in this format will be negotiated with the Company.

LOCAL TELEPHONE EXCHANGE SERVICE

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EMERGENCY SERVICES

ENHANCED EMERGENCY NUMBER SERVICE (E9-1-1)

F. RULES AND REGULATIONS (Continued)

23. CUSTOMER PREMISES EQUIPMENT (CPE)

- a) Terminal equipment may be provided by the Company or the Customer for E9-1-1 Service. Where not specifically itemized in this Tariff, said equipment, including rearrangements, moves, or changes will be provided at additional rates and charges. Customer may purchase terminal equipment either as a regulated service via an Individual Case Basis or on a non-regulated basis.
- b) CPE must be compatible with the service and interface standards of the Company. Upon request the Company will make available standards for interface with CPE.
- c) Any terminal equipment used in connection with E9-1-1 Service, whether such equipment is provided by the Company or the Customer, shall not be used to extract any information from the ALI platform, whether obtained from the Company or not, other than information relating to an in progress E9-1-1 emergency call.
- d) Customer may attach features, devices, or equipment of other vendors to Company-provided facilities, equipment and Services provided such other features, devices, or equipment meet all applicable state and federal registration and certification standards. Company reserves the right to refuse such attachment if Company determines that such attachments will degrade the E911 Services or other Company facilities, services and telecommunications operations.

24. WIRELESS

- a) The Company will deliver to each Customer the data required and specified by the FCC in CC Docket 94-102, including the cell site or sector location, the callback number, and in Phase II the longitude/latitude of the wireless caller. The Company disclaims any and all responsibility for (1) the delivery of any additional data elements that the WSP may choose to provide beyond those required and specified in CC Docket No. 94-102 and (2) the content of the data delivered to the Customer. In addition, the Company shall not be responsible for the location determination technology, the accuracy of the location determination technology, or the investigation or maintenance of these technologies.
- b) The Customer must have all required elements of Wireless E9-1-1 Phase I, utilizing ESRK or ESRD routing and cell site/sector location based information, in place before Phase II can be implemented. In addition, the Customer's ALI format must be modified to accommodate the Phase II data (latitude, longitude, confidence and uncertainty).
- c) Wireless billing is based on 100% of the wireline record counts -- as a combination of the Company wireline records (access lines) and non-Company wireline records in the geographic area for which the Customer is requesting wireless E9-1-1 services (known as the wireless E9-1-1 area). This record count will be updated annually.

LOCAL TELEPHONE EXCHANGE SERVICE

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EMERGENCY SERVICES

ENHANCED EMERGENCY NUMBER SERVICE (E9-1-1)

G. CUSTOMER OBLIGATION

- 1) When effective, this tariff will supersede all existing tariff and Individual Case Basis (ICB) agreements for E9-1-1 services, unless the ICB has language that allows the Customer to not move to the tariff till the ICB expiration. E9-1-1 Service under this tariff includes a minimum term commitment of three (3) years as set out in Section J "Rates and Charges" of this tariff. Beginning on the effective date of the tariff, any Customer receiving E9-1-1 services can continue to receive those services pursuant to the conditions in this new tariff.

The Company will work cooperatively with Customer to transition services from existing tariff or individual case basis agreement in a manner that maintains service continuity.

- 2) Application for E9-1-1 Service must be executed in writing by the Customer or Customer's authorized representative. If execution is by an agent, satisfactory evidence documenting the agency relationship must be provided in writing to the Company. At least one local law enforcement agency must be included among the participating agencies in any E9-1-1 offering
- 3) By subscribing to E9-1-1 service under this tariff, the Customer agrees to the provisions in this tariff concerning E9-1-1 services, including the following terms and conditions:
  - a) That at least one PSAP will be provided and staffed on a 24-hour day, seven-day week basis.
  - b) The Customer accepts responsibility for dispatching, or having others dispatch law enforcement, fire, EMS, or other emergency services as required, to the extent that such services are reasonably available.
  - c) The Customer will develop an appropriate method for responding to calls for nonparticipating agencies which may be directed to an E9-1-1 Service PSAP by calling parties.
  - d) The Customer will subscribe to, or provide E9-1-1 trunks and telephone equipment with a capacity adequate to handle the number of E9-1-1 trunks and lines recommended by the Company to provide P.01 grade of service.
- 4) To the extent Customer is subject to state or local governmental spending appropriations or limitations with respect to purchases of Service from this Tariff, Customer will use all reasonable and lawful means to secure, on an initial and on-going basis, the appropriation of funds sufficient to pay for charges billed for Services provided. In the event appropriated funding for Services provided pursuant to this Tariff is withdrawn, reduced or limited, Customer will promptly notify Company, in writing, of Customer's intent to modify or terminate Services.

LOCAL TELEPHONE EXCHANGE SERVICE

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EMERGENCY SERVICES

ENHANCED EMERGENCY NUMBER SERVICE (E9-1-1)

G. CUSTOMER OBLIGATION (Continued)

- 5) When the Selective Routing feature is provided, the Customer is responsible for identifying primary and secondary PSAP locations as well as the unique combinations of law enforcement, fire, and EMS, or any other appropriate agencies responsible for providing emergency service in the E9-1-1 serving area. An Emergency Service number (ESN) will be provided for each unique combination by the Company. The Customer will associate these ESNs with street address ranges or other mutually agreed upon routing criteria in the E9-1-1 serving area. These ESNs will be carried in the Database Management System (DMS) to permit routing of E9-1-1 calls to the primary and secondary PSAPs responsible for handling of calls from each telephone in the E9-1-1 serving area. The following terms define the Customer's responsibility in providing this information:
  - a) Initial and subsequent ESN assignments by street name, address range, and area or other mutually agreed upon routing criteria shall be furnished by the Customer to the Company.
  - b) After establishment of service, it is the Customer's responsibility to continue to verify the accuracy of the routing information contained in the master street address guide, and to advise the Company of any changes in street names, establishment of new streets, changes in address numbers used on existing streets, closing and abandonment of streets, changes in law enforcement, fire, EMS, or other appropriate agencies' jurisdiction over any address, annexations and other changes in municipal and county boundaries, incorporation of new cities, or any other matter that will affect the routing of E9-1-1 calls to the proper PSAP.
  - c) Changes, deletions, and additions which the Customer desires to have made in the master street address guide should be submitted on an "as-occurred" basis.
  - d) The Company will provide the changes to the Customer for verification showing each change, deletion and addition to the master street address guide.
- 6) The Customer is responsible for procuring PSAP equipment. This equipment must meet network compatibility requirements, receive voice and ANI from E9-1-1 callers, and provide the ability to retrieve information on a per call basis from the Company's database management system. The Customer's equipment must provide ANI and ALI display and control. If Company changes are necessary to achieve compatibility with Customer-owned equipment, a contract will be required before such services become available. Any additional cost associated with bringing incompatible equipment not in compliance with the E9-1-1 system will be the responsibility of the Customer.
- 7) The Customer will conduct training to impress upon personnel the sensitive nature of the ALI database information and their legal obligation to protect it from unauthorized access.

LOCAL TELEPHONE EXCHANGE SERVICE

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EMERGENCY SERVICES

ENHANCED EMERGENCY NUMBER SERVICE (E9-1-1)

H. LIABILITY

- 1) The Company shall not be liable for civil damages whether in contract, tort or otherwise, to any person, corporation, or other entity for any loss or damage, including, by way of example and without limitation, personal injury, property damage, death, or economic losses, caused by any Company act or omission in the design, development, installation, maintenance or provision of E9-1-1 Service. In no event shall the Company be liable or responsible for any indirect, incidental, or consequential damages associated with the provision of E9-1-1 Service, including, by way of example and without limitation, when a call originates from a system or line which makes the provision of specific location information impossible to provide for technical reasons, and when there is a failure of or interruption in E9-1-1 Service due to the attachment of any equipment by a Customer to Company facilities. In no event shall the Company's liability to any person, corporation, or other entity for any loss or damage exceed an amount equal to the prorated allowance of the tariff rate for the service or facilities provided to the Customer for the time such interruption to service or facilities continues, after notice by the Customer to the Company. No allowance shall be made if the interruption is due to the negligence or willful act of the Customer or third parties.
  - a) The Customer shall indemnify and hold harmless the Company from any damages, or other injuries which may be asserted by any person, business, governmental agency, or other entity against the Company as a result of any act or omission of the Company or Customer or any of their employees, directors, officers, or agents in connection with developing, adopting, implementing, maintaining, or operating the E9-1-1 service or for releasing subscriber information, including nonpublished or unlisted information in connection with the provision of the E9-1-1 Service, and this indemnity shall include and not be limited to cases of errors, omissions, defects, or interruptions due to acts or omissions on the part of the Company or the Company facilities.
  - b) To the extent permitted by applicable law, Customer indemnifies and saves Company harmless against:
    - i) Claims for libel, slander, or infringement or copyright arising from the material transmitted over its facilities;
    - ii) Claims for infringement of patents arising from combining with or using in connection with facilities of the Company, apparatus, equipment or systems of Customer;
    - iii) All other claims arising out of any act or omission of Customer in connection with the service and facilities provided by the Company.

LOCAL TELEPHONE EXCHANGE SERVICE

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EMERGENCY SERVICES

ENHANCED EMERGENCY NUMBER SERVICE (E9-1-1)

H. LIABILITY (Continued)

- 2) The Company accepts no responsibility for obtaining subscriber record information from private telecommunications systems.
- 3) The Company shall not be liable for any civil damages caused by an act or omission of the Company in the good faith release of information not in the public record, including nonpublished subscriber information to emergency service providers responding to calls placed to an E9-1-1 Service or host providers using such information to provide E9-1-1 Service.
- 4) The Company shall have no liability whatsoever to any person arising from its provision of, or failure to provide, E9-1-1 Service to any subscriber. It is the obligation of the Customer to answer, respond to, transfer, terminate, dispatch, or arrange to dispatch emergency services, or otherwise handle all E9-1-1 telephone calls that originate from telephones within the Customer's service area. Neither the Customer nor the Company shall have any responsibility for E9-1-1 calls that carry foreign dial tone, whether they originate within or outside of the Customer's service area, or for calls originating from mobile/cellular telephones.
- 5) The Company shall not be liable for any mistakes, omissions, interruptions, delays, errors or defects in transmission or service caused or contributed to by the negligence or willful act of any person other than the Company, or arising from the use of Customer provided facilities or equipment.
- 6) When the use of service or facilities furnished by the Company is interrupted due to any cause other than the negligence or willful act of the Customer or third parties or the failure of the facilities provided by the Customer, a pro rata adjustment of the fixed monthly charges involved will be allowed as covered by Local tariff, Frontier Midstates Inc., Tariff M.P.S.C. No. 7R. Where allowances on monthly charges for service elements of E9-1-1 Service are involved, only those service elements which are affected by the interrupted service shall be considered; and, further, only those access lines that have interrupted service shall be considered in determining the number of access lines affected.
- 7) The Company reserves the right to select and determine the type of equipment it utilizes to provide E9-1-1 services.
- 8) Termination Liability: Please see Local tariff Frontier Midstates Inc., Tariff M.P.S.C. No. 7R for termination liability application.



LOCAL TELEPHONE EXCHANGE SERVICE

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EMERGENCY SERVICES

ENHANCED EMERGENCY NUMBER SERVICE (E9-1-1)

I. DESCRIPTION OF SERVICE RATE ELEMENTS

Enhanced 9-1-1 (E9-1-1) Service

Enhanced 9-1-1 (E9-1-1) enables a caller dialing 9-1-1 to reach an answering point using the features of Automatic Number Identification (ANI), Automatic Location Identification (ALI), and Selective Routing (SR). E9-1-1 is the only form of emergency telephone service provided by the Company. Thus, all references to 9-1-1 refer to E9-1-1 Service.

A 9-1-1 system includes network switching and database capability for providing Selective Routing, ANI and ALI. The ALI database is developed from the MSAG and the records of participating telecommunications companies, and remains the property of the Company.

E9-1-1 Service is comprised of the following components:

Automatic Number Identification (ANI)

Provides the Telephone number associated with the access line from which a call originates, if available. This is an inherent feature of E9-1-1 Service, and is included in the E9-1-1 trunking rate elements.

ALI Database Administration (Rate element 1)

ALI Database Administration is the processing of subscriber records against the Master Street Address Guide (MSAG) for the creation of ALI records and/or the creation of Selective Routing records. Specifically this service:

- a) Provides for daily database processing and updates to the ALI storage platform for all add, delete and change activity associated with subscriber records.
- b) Validates subscriber records against the MSAG. Records that do not pass MSAG validation are returned to the PSAP for correction of either the subscriber record, or the MSAG.
- c) Does not include Regional ALI Storage / Processing for use during an E9-1-1 call.
- d) Is used for updates to the Selective Routing Data Base (SRDB).
- e) Rates based on a per 1,000 records (the combination of Company access line counts and non-Company record counts). Wireless records for pANI/ESRK/ESRD are counted as non-Company Records. Wireless subscription counts are not applied to this rate element.

LOCAL TELEPHONE EXCHANGE SERVICE

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EMERGENCY SERVICES

ENHANCED EMERGENCY NUMBER SERVICE (E9-1-1)

I. DESCRIPTION OF SERVICE RATE ELEMENTS

Enhanced 9-1-1 (E9-1-1) Service (Continued)

Regional ALI Storage / Processing (Rate element 2)

The Regional ALI Storage/Processing service stores E9-1-1 location data, and processes ALI retrieval requests from PSAPs for E9-1-1 calls. It consists of computer system(s), hardware, software and data located within the Company. The PSAP queries the RALI system with the ANI/pANI via the data path. The RALI system looks up the ANI/pANI to retrieve the ALI either stored on the RALI platform, or by steering to another database platform and processes it back to the requesting PSAP. The ALI records are updated once a day. The RALI system may serve multiple PSAPs. Regional ALI Storage/Processing:

- a) Can process both wireline and wireless records.
- b) Includes rates for both Wireline and Wireless Storage/Processing, or for Wireline Storage/Processing only.
- c) Rate includes two ports on the RALI system for the connection of the circuits (not included) from the PSAP.
- d) Does not include the rates to connect for steering, to another ALI database platform.
- e) Rates are available for:
  - i) Regional ALI (RALI)Storage / Processing for Wireline and Wireless, or
  - ii) Regional ALI (RALI) Storage / Processing for Wireline only
- f) Rates are based on a minimum billing of 1,000 records using a combination of Company access lines and non-Company records counts for Wireline and the same number for Wireless record counts (based on the national average showing at least 50% of PSAP call volume is wireless).
- g) Does not include the following required elements:
  - i) ALI Database Administration (rate element 1).
  - ii) The circuit from the PSAP to Company RALI (rate element 6c).
  - iii) RALI Ports for PSAP (rate element 3).

LOCAL TELEPHONE EXCHANGE SERVICE

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EMERGENCY SERVICES

ENHANCED EMERGENCY NUMBER SERVICE (E9-1-1)

I. DESCRIPTION OF SERVICE RATE ELEMENTS (Continued)

Enhanced 9-1-1 (E9-1-1) Service (Continued)

Regional ALI (RALI) Port For PSAPS (Rate element 3)

The port on the RALI system for the circuit from the PSAP.

Rate does not include:

- Circuit to the PSAP.
- Equipment (access software and hardware) needed at Customer end to interface to the RALI platform.

a) Rate is also to be applied to the following applications:

- i) CAD port.
- ii) Remote Printer port.
- iii) Remote FAX port.
- iv) ALI database link connection for non-Company ALI platform.

b) Does not include the following required elements:

- i) ALI Database Administration (rate element 1).
- ii) RALI Storage/Processing (rate element 2).
- iii) The circuit from the PSAP to Company RALI (rate element 6c).

Selective Routing (SR) / ANI-ALI Controlling (Rate element 4)

Selective Routing automatically routes a 9-1-1 call to the PSAP responsible for that location's public safety. is performed by Selective Routers (also called E9-1-1 Tandems). End offices have circuits connecting them to the selective router and pass the ANI or ESRK or ESRD over those circuits. The routing is controlled by the E9-1-1 caller's ANI, ESRK, or ESRD, using routing tables developed from the Master Street Address Guide (MSAG). On reaching the SRs, the ANI, ESRK or ESRD is looked up in the Selective Routing Database (SRDB), to determine which PSAP to deliver the voice call and ANI for wireline or ESRK or ESRD (with or without the CBN) via the voice path to the PSAP.

a) Receives ANI for Wireline and the ESRK or ESRD for Wireless and routes E9-1-1 call based on ESN in the ALI database.

b) Includes sufficient ports on the Company Selective Router(s) for P.01 grade of service for:

- trunks from Company End Offices to Selective Router(s)
- trunks from Company Selective Router(s) to the PSAPs trunks.

For higher than P.01 grade of service Customer is required PSAPs to purchase additional ports.

c) Provides for trunk default routing to an established PSAP in the event of ANI or ESRK or ESRD failure.

LOCAL TELEPHONE EXCHANGE SERVICE

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EMERGENCY SERVICES

ENHANCED EMERGENCY NUMBER SERVICE (E9-1-1)

I. DESCRIPTION OF SERVICE RATE ELEMENTS (Continued)

Enhanced 9-1-1 (E9-1-1) Service (Continued)

Selective Routing (SR) / ANI-ALI Controlling (Rate element 4) (Continued)

- d) Supports Phase I CAS and NCAS as well as Phase II NCAS wireline compatibility methods.
- e) Includes vendor maintenance, upgrades both software and hardware.
- f) Rates available for both:
  - i) Selective Routing (SR) / ANI-ALI Controlling for both Wireline and Wireless, or
  - ii) Selective Routing (SR) / ANI-ALI Controlling for Wireline only.
- g) Wireline rates are based on a per 1,000 records (the combination of Company access line counts and non-Company record counts).
- h) Wireless subscription rate is based on 100% of the wireline record counts -- as a combination of the Company wireline records (access lines) and non-Company wireline records in the geographic area for which the Customer is requesting wireless E9-1-1 services (known as the wireless E9-1-1 area). This record count will be updated annually.
- i) Does not include the following required elements:
  - i) ALI Database Administration (rate element 1).
  - ii) End Office to E9-1-1 Selective Router / ANI-ALI Controller Trunk, element (6a).
  - iii) Selective Router / ANI-ALI Controller to PSAP Trunks, element (6b).
  - iv) PSAP to ALI Data Circuit, element (6c).

LOCAL TELEPHONE EXCHANGE SERVICE

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EMERGENCY SERVICES

ENHANCED EMERGENCY NUMBER SERVICE (E9-1-1)

I. DESCRIPTION OF SERVICE RATE ELEMENTS (Continued)

Enhanced 9-1-1 (E9-1-1) Service (Continued)

Selective Routers / ANI-ALI Controller Trunk/Channel Interface Port (Rate element 5)

Provides a port at the Company selective router for voice grade termination.

- a) Trunk port to be applied ONLY if greater than P.01 grade of service is required for connection of the following:
  - i) Incoming E9-1-1 trunks from host, remote central office or tandem switch.
  - ii) Outgoing E9-1-1 trunks to PSAP.
  - iii) B1 trunk for administrative line.
  - iv) Network Control Modem Connection.
- b) Does not include trunk facilities.
- c) Applies if T1 rather than individual trunks are ordered per DSO channel.
- d) Does not include the following required elements:
  - i) ALI Database Administration (rate element 1).
  - ii) Selective Routing (SR) / ANI-ALI Controlling, element (4).
  - iii) End Office to E9-1-1 Selective Router / ANI-ALI Controller Trunk, element (6a).
  - iv) Selective Router / ANI-ALI Controller to PSAP trunk, element (6b).

LOCAL TELEPHONE EXCHANGE SERVICE

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EMERGENCY SERVICES

ENHANCED EMERGENCY NUMBER SERVICE (E9-1-1)

I. DESCRIPTION OF SERVICE RATE ELEMENTS (Continued)

Enhanced 9-1-1 (E9-1-1) Service (Continued)

Trunking (Rate element 6):

End Office to E9-1-1 Selective Router / ANI-ALI Controller, per trunk (Rate element 6a)

- a) Provides a path in which E9-1-1 calls reach the PSAP through the Selective router.
- b) Provides ANI on a voice grade circuit from a Company Central Office switch to the Company Selective Router.
- c) Includes Company wide average of facilities termination and local loop mileage from Company host central offices to Company Selective Routers.
- d) Requires dedicated trunks to meet the higher of P.01 grade of service, or minimum of two trunks, from each end office regardless of host or remote arrangement.
- e) Does not include the following required elements:
  - i) ALI Database Administration (rate element 1).
  - ii) Selective Routing (SR) / ANI-ALI Controlling, element (4).

Selective Router / ANI-ALI Controller to PSAP, per trunk (Rate element 6b)

- a) Provides a path from the Company Selective Router to a PSAP that is served from a Company End Office, to enable E9-1-1 calls received at the Selective Router to reach the PSAP.
- b) Provides ANI on a voice grade circuit from the Company selective routers to the designated PSAP.
- c) Includes Company wide average of facilities termination and local loop mileage from Company host central offices to Company selective routers.
- d) Also used for ALI database link connection for Customers with on-site ANI-ALI controller.
- e) Requires dedicated E9-1-1 trunks to meet P.01 grade of service:
  - i) From PSAP Serving Selective Router to PSAP location.
  - ii) From the PSAP to the Serving Selective Router for Alternate Channel.
  - iii) From PSAP to Selective Router / ANI-ALI Controller to Company RALI.

LOCAL TELEPHONE EXCHANGE SERVICE

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EMERGENCY SERVICES

ENHANCED EMERGENCY NUMBER SERVICE (E9-1-1)

I. DESCRIPTION OF SERVICE RATE ELEMENTS (Continued)

Enhanced 9-1-1 (E9-1-1) Service (Continued)

Trunking (Rate element 6): (Continued)

Selective Router / ANI-ALI Controller to PSAP, per trunk (Rate element 6b) (Continued)

- f) Rate is to be applied to the following Remote Data Interface applications:
  - i) CAD circuit.
  - ii) Remote Printer circuit.
  - iii) Remote FAX circuit.
- g) Also applies for the following connections
  - i) Remote PSAP Answer Position.
  - ii) Remote PSAP SMART (maintenance terminal) and or STATS.
- h) Does not include the following required elements:
  - i) ALI Database Administration (rate element 1).
  - ii) Selective Routing (SR) / ANI-ALI Controlling, (rate element 4).

PSAP to Company RALI Data Circuit (Rate element 6c)

- a) Provides for a dedicated circuit between a PSAP served out of a Company End Office to the Company RALI system.
- b) Uses Company wide average rates so no one is penalized for locations of the RALI platforms.
- c) Rate includes facilities termination and mileage from Selective Router / ANI-ALI Controller to PSAP (A to Z costs).
- d) Requires a minimum of two dedicated circuits between the PSAP and the RALI system.
- e) Does not include the following required elements:
  - i) ALI Database Administration (rate element 1).
  - ii) RALI Storage/Processing (rate element 2).
  - iii) Selective Router / ANI-ALI controlling (rate element 4).
  - iv) End Office to E9-1-1 Selective Router / ANI-ALI Controller Trunk, element (6a).
  - v) Selective Router / ANI-ALI Controller to PSAP Trunks, element (6b).

LOCAL TELEPHONE EXCHANGE SERVICE

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EMERGENCY SERVICES

ENHANCED EMERGENCY NUMBER SERVICE (E9-1-1)

I. DESCRIPTION OF SERVICE RATE ELEMENTS (Continued)

Enhanced 9-1-1 (E9-1-1) Service (Continued)

Trunking (Rate element 6): (Continued)

Enhanced Multi-Frequency (EMF) Wireless E9-1-1 Trunk Port, per DSO (Rate element 6d)

- a) To be added to the cost of the Trunk Interface Port when EMF is required.
- b) Requires Customer to subscribe to service for a three-year initial term commitment with an annual renewal.
- c) Requires End Office to E9-1-1 Selective Router / ANI-ALI Controller Trunk element (6a).

Remote Data Interface Port (for CML Equipment), per port (Rate element 7)

- a) Includes one host end modem equipped data interface port to be applied to the following CML PSAP supported applications:
  - i) Remote CAD port.
  - ii) Remote printer port – dial out or dedicated (apply General Tariff B1 line rate and foreign exchange charges when applicable for dial out applications).
  - iii) Remote dial out FAX port (apply General Tariff B1 line rate and foreign exchange charges when applicable for dial out applications).
- b) Customer must provide modem at remote end.
- c) CAD, Printer and FAX format limited to current standard CML output protocols (No custom protocols available).
- d) This rate only applies if a PSAP adds additional Remote Data Interface Connections than they currently have in service as of 10/14/03.
- e) Does not include the following required elements:
  - i) ALI Database Administration (rate element 1).
  - ii) RALI Storage/Processing (rate element 2).
  - iii) Selective Router / ANI-ALI controlling (rate element 4).
  - iv) PSAP to ALI Data Circuit, element (6c).



LOCAL TELEPHONE EXCHANGE SERVICE

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EMERGENCY SERVICES

ENHANCED EMERGENCY NUMBER SERVICE (E9-1-1)

I. DESCRIPTION OF SERVICE RATE ELEMENTS (Continued)

Enhanced 9-1-1 (E9-1-1) Service (Continued)

Remote PSAP Answer Point Port, per port (Rate element 8)

Remote PSAP CML answers position voice and data ports per position. The following provisions are applicable to Remote PSAP Answer Point Port:

- a) Includes central office operator position ports required to support one CML remote answer position.
- b) Includes one voice and one data port with modem at host end for a position.
- c) Customer is required to purchase CML operator position hardware and software PSAP premise equipment package from company as non-tariffed item.
- d) Customer is required to maintain a maintenance agreement with company.
- e) This rate only applies if a PSAP adds additional Remote PSAP Answer Positions than they currently have in service as of 10/14/03.
- f) Does not include the following required elements:
  - i) ALI Database Administration (rate element 1).
  - ii) RALI Storage/Processing (rate element 2).
  - iii) Selective Router / ANI-ALI controlling (rate element 4).
  - iv) End Office to E9-1-1 Selective Router / ANI-ALI Controller Trunk element (6a).

LOCAL TELEPHONE EXCHANGE SERVICE

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EMERGENCY SERVICES

ENHANCED EMERGENCY NUMBER SERVICE (E9-1-1)

I. DESCRIPTION OF SERVICE RATE ELEMENTS (Continued)

Enhanced 9-1-1 (E9-1-1) Service (Continued)

Remote PSAP Smart and/or Stats Interface Port, per port (Rate element 9)

Remote PSAP SMART (System Maintenance and Reconfiguration Terminal) or Statistics output port,

- a) Provides Central Office ANI-ALI Controller port required to support remote CML maintenance terminal or remote statistics output port.
- b) Includes modem at host end only.
- c) Requires Customer to purchase CML SMART position hardware and software PSAP premise equipment package from company as non-tariffed item.
- d) Requires Customer to maintain a maintenance agreement with company.
- e) Provides a raw data output of all call activity related to a CML answer position PSAP (Statistics output port).
- f) Rate applies only if a PSAP adds additional Remote PSAP Smart or Stats positions than they currently have in service as of 10/14/03.
- g) Does not include the following required elements:
  - i) ALI Database Administration (rate element 1).
  - ii) RALI Storage/Processing (rate element 2).
  - iii) Selective Router and ANI-ALI controlling (rate element 4).
  - iv) Selective Router / ANI-ALI Controller to PSAP trunk element (6b).

LOCAL TELEPHONE EXCHANGE SERVICE

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EMERGENCY SERVICES

ENHANCED EMERGENCY NUMBER SERVICE (E9-1-1)

I. DESCRIPTION OF SERVICE RATE ELEMENTS (Continued)

Enhanced 9-1-1 (E9-1-1) Service (Continued)

Disaster Recovery

Network Control Modems (NCM) (Rate element 10)

The NCM allows the PSAP Administrator / Director to transfer calls to an alternate PSAP quickly in the event of an emergency or for any other reason. With the dial-up NCM, the PSAP Director will dial into the NCM, pass multiple security checks and then activate the transfer of incoming calls. The dial-up NCM eliminates the need to have a dedicated facility (e.g., MB switch). There is no need to make trunks busy via the Smart terminal, and the calls can be transferred from a remote location. Additionally, NCM:

- a) Provides the ability to send all E9-1-1 calls for one PSAP to another PSAP in cases where the first PSAP is unable to accept E9-1-1 calls.
- b) Uses dial-up on any voice grade line, and does not require caller to be at a specified location (to make the call).
- c) Provides multiple levels of security, so only authorized user can make changes.

Network Control Modems are not available in all areas. If a Customer orders Network Control Modems in an area where they are currently unavailable, the Company will estimate and provide the installation date to the Customer.

Wireless Functionality

CAS

The Company offers CAS in a Phase I wireless configuration, which allows for the delivery of 20 digits (CBN and ESRD) to the appropriate Selective Router for forwarding from the Selective Routers to the PSAP. Upon receipt of the ESRD and CBN at the PSAP, a request for ALI data, using the ESRD, is sent to the RALI Database. The ALI is provided via the data path established for Wireline subscribers. The ESRD ALI data is stored in the RALI database. The wireless carrier is responsible for each ESRD MSAG valid ALI record which is needed for retrieval of RALI and/or wireless Selective Routing, and the transmission of the record(s) to the Company. Circuits from the wireless carriers MSC(s) to the tandem routers are not included in this service.

Phase I NCAS and Phase II Wireline Compatibility Mode

The Company offers this configuration which allows for the delivery of 10-digit ESRK to the appropriate Selective Router for forwarding to the designated PSAP. Upon receipt of the ESRK at the PSAP, an ALI query is made using the ESRK, via the data path to the appropriate ALI platform. The ALI platform directs the ESRK to steer to the appropriate wireless database to retrieve the appropriate ALI record. The Record, when received by the ALI platform from the wireless database, is reformatted into the PSAP's Phase I or Phase II display and processed back to the requesting PSAP.

LOCAL TELEPHONE EXCHANGE SERVICE

EMERGENCY SERVICES

ENHANCED EMERGENCY NUMBER SERVICE (E9-1-1)

J. RATES AND CHARGES

The following services rates are based on a three year term commitment. Rates are in addition to the service order charge found in Frontier Midstates Inc., Tariff M.P.S.C. No. 1R. The wireless rate structure is provided for informational purposes only. Services and rates will be made available through a future tariff filing pursuant to PA 244 of 2003: (T)

	<u>Installation Charge</u>	<u>Monthly Rate</u>
1) Automatic Location Identification (ALI) Database Administration, per 1000 records <sup>1,3</sup>	\$	\$ 52.94
2) Regional ALI (RALI) Storage / Processing for Wireline and Wireless <sup>1,2,3,4</sup>		
(2a) Wireline when subscribed to Wireless, per 1000 records <sup>1,2,3,4</sup>		11.38
(2b) Wireless when subscribed to Wireline, per 1000 records <sup>1,2,3,4,5</sup>		12.60
(2c) Wireline only, per 1000 records <sup>1,2,3,4</sup>		22.76
3) RALI Ports <sup>3</sup>		6.56
4) Selective Routing / ANI-ALI Controlling for Wireline and Wireless <sup>1,2,3</sup>		
(4a) Wireline when subscribed to Wireless, per 1000 records <sup>1,2,3</sup>		72.97
(4b) Wireless when subscribed to Wireline, per 1000 records <sup>1,2,3,5</sup>		78.13
(4c) Wireline only, per 1000 records <sup>1,2,3</sup>		145.95

NOTE 1: Wireline billing is charged at the per 1,000 rate and is based on the maximum number of records in service within the geographical boundaries of the Customer's public safety jurisdiction for the most current twelve-month period prior to service establishment. These counts will be adjusted annually for purposes of updating Customer billing. A minimum of 1000 will be billed and standard rounding (below 500 downward, 500 and above upward) will be used. See definition section for the definition of Record.

NOTE 2: Wireless billing is charged at the rate that is based on 100% of the wireline record counts -- as a combination of the Company wireline records (access lines) and non-Company wireline records in the geographic area for which the Customer is requesting wireless E9-1-1 services (known as the wireless E9-1-1 area). This record count will be updated annually.

NOTE 3: E9-1-1 Services, Selective Routing, ALI Database Administration, and Regional ALI, are provided with a three (3) year initial term commitment commencing on the in-service date, and followed by an automatic one (1) year renewal term commitment. Customers moving to this tariff will start a new three-year term commitment commencing on the date on their Application of Service, and will be subject to Termination Liability provisions as states in Local tariff, Frontier Midstates Inc., Tariff M.P.S.C. No. 7R, GENERAL REGULATIONS. The Customer must provide written notification of termination at least 60 days prior to the renewal date. If the E9-1-1 Service is discontinued prior to the term completion date, the applicable termination liability charges will apply.

NOTE 4: RALI Wireline Storage and Wireless Phase I or II includes two ports on the RALI system. Circuits are not included in this rate.

NOTE 5: Approved under Commission Order U-14000.

Issued: March 28, 2011

Effective: March 30, 2011

By: Kenneth Mason, Vice President

Rochester, New York

LOCAL TELEPHONE EXCHANGE SERVICE

EMERGENCY SERVICES

ENHANCED EMERGENCY NUMBER SERVICE (E9-1-1)

J. RATES AND CHARGES (Continued)

	<u>Installation Charge</u>	<u>Monthly Rate</u>
5) Selective Router Ports		\$ 5.47
6) Trunking		
(6a) End Office to E9-1-1 Selective Router / ANI-ALI Controller, per trunk <sup>5</sup>		57.22
(6b) Selective Router/ANI-ALI Controller to PSAP, (2 or 4 wire) per trunk <sup>5</sup>		83.38
(6c) PSAP to Company RALI Data Circuit (min. 2 required) per circuit <sup>5</sup>		56.87
(6d) EMF Wireless E9-1-1 Trunk Interface Port, per DS0 <sup>5</sup>		9.33
7) PSAP Data Interface Port, per port		25.00
8) Remote PSAP Answer Point Port, per port		63.63
9) Remote PSAP Smart and/or Stats Interface Port, per port		45.11
10) Disaster Recovery		
(10a) Network Control Modem (NCM) <sup>6</sup>	\$ 585.40	149.20

Charges for subscriber requests that necessitate additions, moves or changes of access facilities and/or equipment on Company premises will be based upon costs per request.

Installation of additional network or other facilities will be provided by the Company at the rates contained herein only where the E9-1-1 Service Area coincides with the Company serving boundaries.

NOTE 5: Refer to the Company's Facilities for Intrastate Access Tariff, Section 5, Voiceband Facilities, for applicable non-recurring charges for Two-Wire and Four-Wire Special Access Lines.

NOTE 6: This service is not available in all areas. If a Customer orders this service in an area where it is currently not available, the Company will estimate and provide the installation date to the Customer.

LOCAL TELEPHONE EXCHANGE SERVICE

LIFELINE SERVICE

A. Federal Lifeline Program

1. The Federal Lifeline Program offers discounts on existing rates and charges to qualifying low income consumers of Federal Eligible Lifeline Services listed below.
2. Consumer Qualification for Eligibility in Federal Lifeline Program.
  - a) To constitute a qualifying low-income consumer:
    - i. A consumer's household income as defined in 47 CFR §54.400 (f) and (h) must be at or below 135% of the Federal Poverty Guidelines for a household of the consumer's size; or
    - ii. The consumer, one or more of the consumer's dependents, or the consumer's household must receive benefits from one of the following federal assistance programs:
      - a. Medicaid;
      - b. Supplemental Nutrition Assistance Program;
      - c. Supplemental Security Income;
      - d. Federal Public Housing Assistance; or
      - e. Veterans and Survivors Pension Benefit
  - b) A consumer who lives on rural Tribal lands is eligible for federal Lifeline service as a "qualifying low-income consumer" as defined by 47 CFR §54.400(a) and as an "eligible resident of Tribal lands" as defined by 47 CFR §54.400(e) if that consumer meets the qualifications for Lifeline specified in section (b)(i.) of this section or if the consumer, one or more of the consumer's dependents, or the consumer's household participates in one of the following Tribal-specific federal assistance programs: Bureau of Indian Affairs general assistance; Tribally administered Temporary Assistance for Needy Families; Head Start (only those households meeting its income qualifying standard); or the Food Distribution Program on Indian Reservations.
  - c) In addition to meeting the qualifications provided in paragraph 2 of this section, in order to constitute a qualifying low-income consumer, a consumer must not already be receiving a Lifeline discount, and there must not be anyone else in the consumer's household subscribed to a Lifeline service and receiving a Lifeline discount for such service.
3. Lifeline eligible services in the Federal Lifeline Program include:
  - a. "Voice Telephony Service" as defined in 47 CFR §54.400(m);
  - b. "Broadband Internet Access Service" as defined in 47 CFR §54.400(l);
  - c. A bundle of Broadband Internet Access Service and fixed Voice Telephony Service, or;
  - d. Any service plan described in this paragraph which also includes optional calling features such as, but not limited to, caller identification, call waiting, voicemail, and three-way calling.
4. Other separate telecommunications or internet services can be provided to eligible low income consumers at applicable rates and charges. Lifeline discounts do not apply to such other services.
5. Proof of eligibility will be required for all initial Lifeline applicants, and all Lifeline recipients will be required to recertify their eligibility every year.

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LOCAL TELEPHONE EXCHANGE SERVICE

LIFELINE SERVICE

**A. Federal Lifeline Program (Continued)**

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6. Monthly Discounts For Only Qualified Federal Lifeline Consumers

a. For only Eligible Federal Low Income consumers the total discounts are as follows:

- i. \$9.25 for voice, broadband, or bundled services (voice and broadband) until November 30, 2019.
- ii. Effective December 1, 2019, \$7.25 for voice, and \$9.25 for broadband or bundled services (voice and broadband) until November 30, 2020.
- iii. Effective December 1, 2020, \$5.25 for voice, and \$9.25 for broadband or bundled services (voice and broadband) until November 30, 2021.
- iv. Effective December 1, 2021, \$0.00 for voice and \$9.25 for broadband or bundled (voice and broadband).

b. The discount shall be applied first to the end user common line charge, and then to the monthly service rate for Lifeline Eligible Services.

c. Tribal lands discount amount. An additional federal Lifeline discount of up to \$25 per month will be made available to an eligible resident of rural Tribal lands as defined in 47 CFR §54.400(e), and 47 CFR §54.403(a)(3).

d. At no time shall the total Lifeline discount exceed the sum of the end user common line charge and the monthly service rate, excluding applicable taxes, fees, and other surcharges.

7. Tribal Link Up Program

a. A discount on the line connection charge is available to qualifying Federal Lifeline consumers residing on rural Tribal lands as defined in 47CFR §54.400(e) for the installation or transfer of services from one residential premises to another.

b. A qualifying consumer may receive a 100% reduction up to \$100 in the installation charges, or transfer of service charges, for connection at the consumer's principal place of residence.

c. A qualifying consumer may then make payments for the remaining connection charges on a deferred schedule in which the qualifying consumer does not pay interest. The interest charges not charged to the qualifying consumer shall be for connection charges of up to \$200.00 that are deferred for a period not to exceed one year. Charges assessed for installation or transfer of service include any charges that the Company customarily assesses to connect consumers to the network. These charges do not include any permissible security deposit requirements.

d. A qualifying consumer can receive the benefits of the Tribal Link Up Program for a second and subsequent time only for a principal place of residence with an address different from the residential address at which the Tribal Link Up assistance was approved previously.

**B. State Lifeline Program**

1. The State Lifeline Program offers discounts on existing rates and charges to qualifying low income consumers for the purchase of State Eligible Lifeline Services listed below.

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LOCAL TELEPHONE EXCHANGE SERVICE

LIFELINE SERVICE

**B. State Lifeline Program (Continued)**

(N)

2. Consumer Qualification for Eligibility in State Lifeline Program.
  - a. To constitute a qualifying low-income consumer:
    - i. A consumer's annual household income must be at or below 150% of the Federal Poverty Guidelines for a household of that size; or
    - ii. The consumer, must participate in one of the following programs:
      - a) Medicaid;
      - b) Supplemental Nutrition Assistance Program (SNAP) – Food Stamps;
      - c) Supplemental Security Income (SSI);
      - d) Federal Public Housing Assistance/Section 8;
      - e) Low Income Home Energy Assistance Program (LIHEAP);
      - f) National School Lunch Program's free lunch program; or
      - g) Temporary Assistance for Needy Families (TANF) a/k/a Family Independence Program
  - b. In addition to meeting the qualifications provided in paragraph 2 of this section, in order to constitute a qualifying low-income consumer, a consumer must not already be receiving a Lifeline discount, and there must not be anyone else in the consumer's household subscribed to a Lifeline service and receiving a Lifeline discount for such service.
3. Lifeline eligible services in the State Lifeline Program include:  
Basic Local Exchange service and access service defined as a phone line and usage within the consumer's local calling area
4. Other separate telecommunications or internet services can be provided to Eligible Low Income Consumers at applicable rates and charges. Lifeline discounts do not apply to such other services.
5. Proof of eligibility will be required for all initial Lifeline applicants and all Lifeline recipients may be required to recertify their eligibility every year.
6. Monthly Discounts For State Lifeline Consumers
  - a. For Eligible State Low Income consumers who also qualify for discounts under the Federal Lifeline program, the total discounts (for basic local exchange providers that also offer the \$2 state Lifeline credit) are as follows:
    - i. \$11.25 a month discount for consumers under age 65 until November 30, 2019.
    - ii. \$10.25 a month discount for consumers under age 65 effective December 1, 2019.
    - iii. \$12.35 a month discount for consumer's age 65 or more.
  - b. For Eligible State Low Income consumers who do not qualify for discounts under the Federal Lifeline program, the discounts under the State Lifeline Program (for basic local exchange providers that also offer the \$2 state Lifeline credit) are as follows:
    - i. A \$10.25 a month discount for consumers under age 65.
    - ii. A \$12.35 a month discount for consumer's age 65 or more.

(N)



LOCAL TELEPHONE SERVICE

LIFELINE SERVICE

**B. State Lifeline Program (Continued)**

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6. (Continued)

- c. For eligible State Low Income consumers who only qualify for the State Lifeline Program (but the basic local exchange provider does not offer the additional \$2 state Lifeline credit) the discounts are as follows:
  - i. An \$8.25 a month discount for consumers under age 65.
  - ii. A \$12.35 a month discount for consumer's age 65 or more.
- d. The discounts in Section 6 above shall be applied first to the end user common line charge, and then to the monthly service rate for Lifeline Eligible Services.
- e. At no time shall the total Lifeline discount exceed the sum of the end user common line charge and the monthly service rate, excluding applicable taxes, fees, and surcharges.

**C. Regulations For the Federal And State Lifeline Programs**

- 1. General Regulations specified elsewhere in the Company's Local Exchange tariffs apply to Federal and State Eligible Lifeline Services.
- 2. The Lifeline discount is available only with residence services, excluding foreign exchange service. Lifeline is limited to a single subscription per household where household is defined to be any individual or group of individuals who are living together at the same address as one economic unit. For the purposes of this rule, an economic unit consists of all adult individuals contributing to and sharing in the income and expenses of a household.
- 3. The Lifeline discount will apply after a determination that the consumer's household meets the eligibility standards established above for either the Federal or State Lifeline Programs.
- 4. Consumers of Lifeline must notify the Company of any changes which would affect qualification by eligibility. When the consumer is no longer eligible for Lifeline service, the Lifeline discount will be discontinued and regular tariff rates and charges will apply.
- 5. Where the facilities of the Company permit, the federal minimum service standards for fixed Broadband Internet Access should apply.

**D. MONTHLY RATE FOR NONLIFELINE CUSTOMERS**

Each non-Lifeline service customer shall pay the indicated rate(s) per exchange access line per month for telephone company intrastate services (Basic Local Exchange Service, Individual Business and Residence line or trunk, PBX Trunk Services and Centrex Services) to cover the costs of the Lifeline service.

\$0.04 per line

The rate for business Centrex station lines will be computed based on the trunk equivalence table specified in the Company's guidebook.

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LOCAL TELEPHONE EXCHANGE SERVICE

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RESERVED FOR FUTURE USE

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LOCAL TELEPHONE EXCHANGE SERVICE

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RESERVED FOR FUTURE USE

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