

FRONTIER NORTH INC. AND FRONTIER MIDSTATES INC.

Schedule of Rates and Charges Together
With Rules and Regulations Applicable To

LOCAL TRANSPORT AND TERMINATION SERVICES

Services herein are provided by means of wire, fiber optics,
radio or any other suitable technology or a combination thereof.

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By: Kenneth Mason, Vice President

Rochester, New York

LOCAL TRANSPORT AND TERMINATION SERVICES

<u>SECTION</u>	<u>SHEET</u>	<u>ORIGINAL OR REVISION</u>	<u>SECTION</u>	<u>SHEET</u>	<u>ORIGINAL OR REVISION</u>
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LOCAL TRANSPORT AND TERMINATION SERVICES

<u>SECTION</u>	<u>SHEET</u>	<u>ORIGINAL OR REVISION</u>	<u>SECTION</u>	<u>SHEET</u>	<u>ORIGINAL OR REVISION</u>
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LOCAL TRANSPORT AND TERMINATION SERVICES

EXPLANATION OF SYMBOLS

- (C) – To signify changed regulation
- (D) – To signify discontinued regulation
- (I) – To signify increase
- (N) – To signify new rate or regulation
- (R) – To signify reduction
- (T) – To signify a change in text but no change in regulations or rate

(N)

ABBREVIATIONS

ANI	Automatic Number Identification
ANSI	American National Standards Institute
B8ZS	Bipolar With Eight Zero Substitution
CIC	Carrier Identification Code
CMDS	Centralized Message Data System
CN	Charge Number
CPN	Calling Party Number
EMR	Exchange Message Record
FCC	Federal Communications Commission
Hz	Hertz
IXC	Interexchange Carrier
ICB	Individual Case Basis
Kbps	Kilobits per second
LATA	Local Access and Transport Area
LEC	Local Exchange Carrier
LERG	Local Exchange Routing Guide
LIDB	Line Information Database
LTTS	Local Transport and Termination Service
Mbps	Megabits per second
MF	Multi-Frequency
Mhz	Megahertz

LOCAL TRANSPORT AND TERMINATION SERVICES

ABBREVIATIONS (Cont'd)

NECA	National Exchange Carrier Association
NPA	Numbering Plan Area
NRC	Nonrecurring Charge
NTS	Non-Traffic Sensitive
NXX	Three-Digit Central Office Code
OC	Optical Carrier
OCN	Operating Company Number
POT	Point of Termination
PSC	Public Service Commission
RAO	Revenue Accounting Office
RSM	Remote Switching Modules
RSS	Remote Switching Systems
SMS	Service Management System
SS7	Signaling System 7
STP	Signaling Transfer Point
STS	Synchronous Transport Signal
TCAP	Transactional Capabilities Application
TSA	Tandem Subtending Arrangements
USI	Uniform Service Information
USOC	Uniform Service Order Code
V&H	Vertical & Horizontal

LOCAL TRANSPORT AND TERMINATION SERVICES

DEFINITIONS

Business Day

Monday through Friday, except for holidays observed by the Telephone Company.

Central Office

An End Office or Tandem. Sometimes this term is used to refer to a Telephone Company building in which switching systems and telephone equipment are installed.

Directory Assistance

The provision of telephone numbers by a Telephone Company operator when the operator location is accessed by a LEC End User by sending the appropriate signals, e.g., off-hook, 411, 555-1212 or NPA + 555-1212.

End Office

A switching entity that is used for connecting lines to lines or lines to trunks for the purpose of originating/terminating calls. Sometimes this term is used to refer to a Telephone Company building in which switching systems and telephone equipment are installed.

End User

A third party residence or business end-user subscriber to Telephone Exchange Services provided by either the LEC or the Telephone Company.

Exchange

A unit, generally smaller than a LATA, established by the Telephone Company for the administration of communications service in a specified area which usually embraces a city, town or village and its environs. It consists of one or more Central Offices together with the associated facilities used in furnishing communications service within that area. One or more designated exchanges comprise a given LATA.

LOCAL TRANSPORT AND TERMINATION SERVICES

DEFINITIONS (Cont'd)

Interexchange Carrier (IXC)

A telecommunications carrier that provides, directly or indirectly, InterLATA or IntraLATA telephone toll services.

Internet Traffic

Any traffic that is transmitted to or returned from the Internet at any point during the duration of the transmission.

Local Exchange Carrier (LEC)

An authorized provider of Telephone Exchange Services designated as such by the PSC and includes any competing local exchange providers and incumbent local exchange service providers.

Local Traffic

Any call originated by an End User of a LEC-provided Telephone Exchange Service on that LEC's network in an exchange listed in Column B of Section 2.10 and terminated to an End User of a Telephone Company-provided Telephone Exchange Service on the Telephone Company's network in a corresponding Telephone Company exchange listed in Column A of Section 2.10. Local Traffic does not include the following traffic: (1) any Internet Traffic; (2) traffic that does not originate and terminate within the corresponding exchanges listed in Section 2.10 and based on the actual originating and terminating points of the complete end-to-end communication; (3) Toll Traffic, including, but not limited to, calls originated on a 1+ presubscription basis, or on a casual dialed (10XXX/101XXX) basis; (4) Optional Extended Area Service traffic; (5) special access, private line, Frame Relay, ATM, or any other traffic that is not switched by the Telephone Company; or (6) traffic that transits the Telephone Company's Tandem for termination to an End User not served by the Telephone Company.

Point of Termination (POT)

The point of demarcation in a Telephone Company End Office or Tandem at which the Telephone Company's provision of LTTTS Service begins. The point of demarcation is the point of interconnection between Telephone Company communications facilities and LEC-provided facilities. The POT for LEC Local Traffic terminated to the Telephone Company shall be located at the Telephone Company End Office serving the Telephone Company's End User or the Telephone Company Tandem that such Telephone Company End Office subtends.

LOCAL TRANSPORT AND TERMINATION SERVICES

DEFINITIONS (Cont'd)

PSC

Michigan Public Service Commission.

Signaling System 7 (SS7)

The common channel out-of-band signaling protocol developed by the Consultative Committee for International Telephone and Telegraph (CCITT) and the American National Standards Institute (ANSI).

Tandem

A switching entity that has billing and recording capabilities and is used to connect and switch trunk circuits between and among End Offices and between and among End Offices and carriers' aggregation points, or points of presence, and to provide Switched Exchange Access Services. Sometimes this term is used to refer to a telephone company building in which switching systems and telephone equipment are installed.

Telephone Company

Frontier North Inc. and Frontier Midstates Inc. unless otherwise stated.

Telephone Exchange Services

Either (A) service within a telephone Exchange, or within a connected system of telephone Exchanges within the same Exchange area operated to furnish to End Users intercommunicating service of the character ordinarily furnished by a single Exchange, and which is covered by the Exchange service charge, or (B) comparable service provide through a system of switches, transmission equipment, or other facilities (or combination thereof) by which an End User can originate and terminate a telecommunications service.

Trunk Side Connection

A Central Office connection that is capable of, and has been programmed to treat the circuit as, connecting to another switching entity, for example, to another carrier's network. Trunk side connections offer those transmission and signaling features appropriate for the connection of switching entities and cannot be used for the direct connection of ordinary telephone station sets.

LOCAL TRANSPORT AND TERMINATION SERVICES

1. APPLICATION OF TARIFF

- 1.1 This tariff establishes an arrangement for the transport and termination of Local Traffic, which includes Extended Area Service ("EAS") and Michigan Telecommunications Act ("MTA") Section 304 (11) traffic which is considered local. This tariff contains rates, terms and conditions applicable to the provision of Local Transport and Termination Services for Local Traffic hereinafter collectively referred to as "LTTS Service(s)" or "Service(s)." These services are provided to other providers of Telephone Exchange Service ("LECs") by Frontier North Inc. and Frontier Midstates Inc., hereinafter referred to as either the "Telephone Company" or the "Company." The services provided pursuant to this tariff are exclusively for use by LECs. This tariff also contains LTTS ordering regulations and charges that are applicable when these service(s) are ordered by LECs.
- 1.2 This tariff is established pursuant to the MTA and the Federal Communications Act of 1934 as amended by the Telecommunications Act of 1996 (the "FTA") and subsequent amendments. It establishes an arrangement for the transport and termination of telecommunications in accordance with FTA Section 251 (b) (5). This tariff does not supersede any other tariffs of the Telephone Company, including any toll access tariffs. Those tariffs remain applicable to certain telecommunications traffic as specified therein.
- 1.3 This tariff does not supersede any interconnection agreement between the Telephone Company and the LEC that has been approved by the PSC pursuant to FTA Section 252(e), including any interconnection agreement that has been adopted by the LEC pursuant to FTA Section 252(i).
- 1.4 The provision of LTTS Services by the Telephone Company as set forth in this tariff does not constitute a joint undertaking with the LEC for the furnishing of any service.

LOCAL TRANSPORT AND TERMINATION SERVICES

2. GENERAL REGULATIONS

2.1 Scope

- 2.1.1 This tariff contains regulations, rates and charges applicable to the provision of LTTS Services. LTTS Services are described hereunder and provided by the Telephone Company to a LEC providing Telephone Exchange Service to End Users within the non-Telephone Company Exchanges listed in Column A of Section 2.10.
- 2.1.2 Only an authorized LEC may purchase LTTS Services under this tariff. This section is not intended to enlarge, restrict or otherwise affect any provision of law relating to such authority. As a condition of purchasing LTTS Services offered in this tariff, the customer authorizes the Telephone Company to disclose the customer's identity and the fact that the customer is making such purchases to the PSC.
- 2.1.3 This tariff does not apply to any services provided to a LEC pursuant to an interconnection agreement approved by the PSC pursuant to FTA Section 252(e), including any interconnection agreement that has been adopted by the LEC pursuant to FTA Section 252(i).
- 2.1.4 This tariff sets forth the terms, conditions and pricing under which the Telephone Company shall, where facilities permit, provide the following services or capabilities.
- (A) Transport and termination of Local Traffic from End Users of LEC-provided Telephone Exchange Services in an Exchange listed in Column B of Section 2.10 to Telephone Company End Users in the corresponding Telephone Company Exchange listed in Column A of Section 2.10.
- (B) Other services provided in conjunction with LTTS Services.
- 2.1.5 Subject to availability of facilities, the LTTS Services offered herein are provided on a first-come, first-served basis.
- 2.1.6 The LTTS Services, regulations, rates and charges in this tariff will not apply to the resale of other Telephone Company services. These other services are provided pursuant to the Telephone Company's other tariffs and the regulations, rates and charges under those tariffs will apply.
- 2.1.7 LTTS Services provided under this tariff include Telephone Company communications facilities between a Telephone Company's End User and the applicable POT. Such services will be installed by the Telephone Company or its authorized vendor to such POT. Any additional facilities beyond such POT are the sole responsibility of the LEC.
- 2.1.8 No retroactive changes or declarations will be accepted with respect to the rating, re-ratings, or reclassification of existing services as LTTS.

LOCAL TRANSPORT AND TERMINATION SERVICES

2. GENERAL REGULATIONS (Cont'd)

2.1 Scope (Cont'd)

- 2.1.9 LTTS Services may be used for the termination of Local Traffic. Facilities used to provide LTTS Services may also be used to deliver other types of traffic as provided in Sections 5.6.1.
- 2.1.10 Traffic other than Local Traffic that is delivered to the Telephone Company on LTTS facilities will be rated and billed under Section 4 of the Frontier North Inc. and Frontier Midstates Inc. Tariff M.P.S.C. No. 25R ("M.P.S.C. No. 25R") and Section 6 of the Frontier FCC No. 5 tariff.
- 2.1.11 A LEC may not assign or transfer LTTS Service without the written consent of the Telephone Company.

2.2 Lawful Use

- 2.2.1 LTTS Services are available only in the provision of telecommunications services as defined and specified by the FTA and the rules and regulations of the FCC and the PSC.
- 2.2.2 LTTS Services are available only for Local Traffic originated by an End User of a LEC-provided Telephone Exchange Service on that LEC's network in an Exchange listed in Column B of Section 2.10 and terminated to an End User of a Telephone Company provided Telephone Exchange Service on the Telephone Company's network in a corresponding Telephone Company Exchange listed in Column A of Section 2.10.
- 2.2.3 LTTS Services provided under this tariff shall not be used for an unlawful purpose.
- 2.2.4 LTTS Services are not available under this tariff where the Telephone Company is prohibited from furnishing LTTS Services by order of a court or other government authority having jurisdiction.

2.3 Title or Ownership Rights

- 2.3.1 The payment of rates and charges by LECs for LTTS Services provided under this tariff does not assign, confer or transfer title or ownership rights to proposals or facilities developed or utilized by the Telephone Company in the provision of such LTTS Services.

2.4 Liability

- 2.4.1 No liability shall attach to the Telephone Company for damages arising from errors, mistakes, omissions, interruptions or delays of the Telephone Company, its agents, servants or employees, in the course of establishing, furnishing, rearranging, moving, terminating, or changing LTTS Services or LTTS facilities (including the obtaining or furnishing of information in respect thereof or with respect to the subscribers or users of LTTS Services or LTTS facilities) in the absence of willful misconduct.

LOCAL TRANSPORT AND TERMINATION SERVICES

2. GENERAL REGULATIONS (Cont'd)

2.4 Liability (Cont'd)

- 2.4.2 The Telephone Company shall not be liable for any act or omission of any other party furnishing a portion of service or facility used in connection with the LTTS Services provided herein.
- 2.4.3 The Telephone Company is not liable for damages to the LEC premises resulting from the furnishing of LTTS, including the installation and removal of equipment and associated wiring for LTTS, provided the damage is not caused by the Telephone Company's willful misconduct.
- 2.4.4 The Telephone Company shall be indemnified, defended and held harmless by the LEC and/or its End User against any and all claims, losses or damages (individually and collectively, "Claims") arising from the use of services offered under this tariff, involving the following claims:
- (A) Claims for libel, slander, invasion of privacy, or infringement of copyright arising from the material transmitted over the Telephone Company's facilities;
 - (B) Claims for patent infringement arising from the LEC's or its End User's acts combining or using the service furnished by the Telephone Company in connection with facilities or equipment furnished by the LEC's End User or the LEC;
 - (C) Claims arising out of any act or omission of the LEC's End User and/or LEC in the course of using services provided pursuant to this tariff;
 - (D) Claims, including but not limited to injuries to persons or property from voltages or currents, arising out of any act or omission of the LEC or its End User in connection with facilities provided by the Telephone Company, the LEC, or the LEC's End User;
 - (E) Claims arising out of the construction, installation, operation, maintenance, or removal of the LEC's circuits, facilities, or equipment connected to the Services provided under this tariff, including, without limitation, Workmen's Compensation claims, actions for infringement of copyright and/or unauthorized use of program material, libel and slander actions based on the content of communications transmitted over the LEC's circuits, facilities or equipment, and proceedings to recover taxes, fines, or penalties for failure of the LEC to obtain or maintain in effect any necessary certificates, permits, licenses, or other authority to acquire or operate the Services provided under this tariff; and
 - (F) Claims arising out of any act or omission in connection with the provision of optional services offered under this tariff.
- 2.4.5 The Telephone Company shall not be liable to the LEC or its End Users in connection with the provision or use of the LTTS Services provided under this tariff for indirect, incidental, consequential, reliance or special damages, including (without limitation) damages for lost profits, regardless of the form of action, whether in contract, indemnity, warranty, strict liability, or tort, including (without limitation) negligence of any kind.

LOCAL TRANSPORT AND TERMINATION SERVICES

2. GENERAL REGULATIONS (Cont'd)

2.4 Liability (Cont'd)

- 2.4.6 The Telephone Company does not guarantee or make any warranty with respect to its Services when used in an explosive atmosphere. The Telephone Company shall be indemnified, defended and held harmless by the LEC from any and all claims by any person relating to such LEC's use of LTTS Services so provided.
- 2.4.7 No license under patents (other than the limited license to use) is granted by the Telephone Company or shall be implied or arise by estoppel, with respect to any LTTS Service offered under this tariff.
- 2.4.8 The Telephone Company shall not be responsible for any delay or failure in performance which results from causes beyond its reasonable control, whether or not foreseeable by such Party. Such causes include, but are not limited to, adverse weather conditions, flood, explosion, earthquake, volcanic action, power failure, embargo, boycott, war, revolution, civil commotion, act of public enemies, labor unrest (including, but not limited to, strikes, work stoppages, slowdowns, picketing or boycotts), inability to obtain equipment, parts, software or repairs thereof, or omissions of the LEC, and acts of God.
- 2.4.9 The Telephone Company shall not be liable for any act or omission of any other entity furnishing to the LEC facilities, equipment, or services used in conjunction with the LTTS Services provided under this tariff. Nor shall the Telephone Company be liable for any damages or losses due to unauthorized use of the Services or the failure or negligence of the LEC or LEC's End User, or due to the failure of equipment, facilities, or services provided by the LEC or its End User.

2.5 Provision of Service

- 2.5.1 The Telephone Company reserves the right to refuse an application for LTTS Service made by a present or former LEC, its majority or minority owners or affiliates, who is indebted to the Telephone Company for service previously furnished, until the indebtedness is satisfied.
- (A) In the event that LTTS Service is connected for a LEC who is indebted to the Telephone Company for service previously furnished to such LEC, the LTTS Service may be terminated by the Telephone Company unless the LEC satisfies the indebtedness within 30 days after written notification, with a copy to the PSC.
- 2.5.2 The Telephone Company's obligation to provide Service under this tariff is limited by the availability of facilities, equipment and switch capacity.
- 2.5.3 LTTS Services are provided by means of wire, fiber optic, radio or any other suitable technology or a combination thereof.

LOCAL TRANSPORT AND TERMINATION SERVICES

2. GENERAL REGULATIONS (Cont'd)

2.5 Provision of Service (Cont'd)

2.5.4 The Telephone Company will not provide LTTS Services unless one of the following are met:

- (A) LEC includes industry standard call record detail in the signaling of LEC's traffic delivered to the Telephone Company and the Telephone Company is able to use such signaling information to bill LEC under this tariff;
- (B) The Telephone Company is recording call record detail for LEC's traffic and is able to use such detail to bill LEC under this tariff; or
- (C) The Telephone Company and LEC mutually agree on and implement a method for the Telephone Company to bill LEC under this tariff.

2.6 Calling Party Number/Automatic Number Identification (CPN/ANI)

2.6.1 CPN/ANI information relating to a LEC's End User is provided to Telephone Company under the following terms and conditions.

- (A) The Telephone Company or its designated billing agent may use or transmit CPN/ANI information to third parties for billing and collection, routing, screening, ensuring network performance, and completion of a LEC's End User's call or transaction or for performing a service directly related to the LEC's End User's call or transaction.
- (B) The Telephone Company or its designated billing agent may also use CPN/ANI information for any other lawful purpose.

2.7 Discontinuance of Service for Cause

2.7.1 The Telephone Company may discontinue Service or cancel an application for Service without incurring any liability for any of the following reasons.

- (A) With 30 days notice, in the event of non-payment of any sum owing to the Telephone Company for more than 30 days beyond the date of rendition of the bill for the Service or violation of any terms or conditions governing the furnishing of the Service under this tariff.
- (B) Without notice, in the event of a violation of any regulation governing the LTTS Services and LTTS facilities under this tariff that causes harm to the Telephone Company's network.

LOCAL TRANSPORT AND TERMINATION SERVICES

2. GENERAL REGULATIONS (Cont'd)

2.7 Discontinuance of Service for Cause (Cont'd)

2.7.1 (Cont'd)

- (C) Without notice, in the event of a violation of any law, rule or regulation of any government authority having jurisdiction over the LTTS Services and LTTS facilities; or
- (D) Without notice, in the event of fraudulent use of the Telephone Company's network (including but not limited to misrepresentation of the jurisdiction of traffic).

The Telephone Company may seek legal recourse to recover all cost involved in enforcement of this provision.

2.8 Network Administration

2.8.1 General

The Telephone Company will administer its network to insure the provision of acceptable service levels to all telecommunications users of the Telephone Company's network services. Generally, service levels are considered acceptable when the Telephone Company is able to establish connections with little or no delay encountered within their respective networks.

2.8.2 Testing, Inspection, and Protective Measure

- (A) The Telephone Company may, upon notification to the LEC, at a reasonable time, make such tests and inspections as may be necessary to determine that LEC is complying with the requirements regarding the LTTS Service, facilities, equipment and arrangements.
 - (1) If the protective requirements in connection with LEC-provided equipment are not being complied with, the Telephone Company may take such action as necessary to protect its facilities and personnel and will promptly notify the LEC by registered mail in writing of the need for protective action. In the event that the LEC fails to advise the Telephone Company within 10 days after such notice is received or within the time specified in the notice that corrective action has been taken, the Telephone Company may take whatever additional action is deemed necessary, including the suspension of service, to protect its facilities and personnel from harm. The Telephone Company will, upon request 24 hours in advance, provide the LEC with a statement of technical parameters that the LEC's equipment must meet.

LOCAL TRANSPORT AND TERMINATION SERVICES

2. GENERAL REGULATIONS (Cont'd)

2.8 Network Administration (Cont'd)

2.8.2 Testing, Inspection, and Protective Measure (Cont'd)

- (B) The Telephone Company may, upon notification to the LEC, apply protective controls, (i.e., those actions, such as call gapping), which selectively cancel the completion of traffic, including LEC's traffic associated with all Services provided to the LEC. Generally, such protective measures would only be taken as a result of occurrences such as failure or overload of Telephone Company or LEC facilities, natural disasters, mass calling or national security demands.

2.9 Responsibility of the LEC

2.9.1 Scope

- (A) The Services, facilities, equipment and arrangements provided under this tariff shall be maintained by the Telephone Company. The LEC may not rearrange, move, disconnect, remove or attempt to repair any Services, facilities, equipment or arrangements provided by the Telephone Company, other than by connection or disconnection to any interface means used.
- (B) In order to protect the Telephone Company's facilities, equipment, arrangements and personnel and the services furnished to other carriers by the Telephone Company from potentially harmful effects, the signals applied to the Telephone Company's service shall be such as not to cause damage to the facilities, equipment, or arrangements of the Telephone Company. Any special interface equipment necessary to achieve the compatibility between the equipment or facilities of the Telephone Company and the equipment or facilities of others shall be provided by the LEC at the LEC's expense.

2.9.2 Liability

- (A) The LEC shall defend, indemnify, protect and save harmless the Telephone Company from and against any and all claims, losses or damages as set forth in Section 2.4.4 of this tariff.
- (B) The LEC is required to reimburse the Telephone Company for any loss of, or damage to, Telephone Company facilities or equipment on the LEC's premises or caused by the LEC, including loss or damage caused by owners, officers, agents, employees or independent contractors of the LEC, if the loss or damage is caused by any act on the part of the LEC or its owners, officers, employees, agents or contractors. The LEC will be liable for damages to the facilities of the Telephone Company caused by acts of its owners, officers, employees, agents or contractors.

LOCAL TRANSPORT AND TERMINATION SERVICES

2. GENERAL REGULATIONS (Cont'd)

2.9 Responsibility of the LEC (Cont'd)

2.9.3 Ownership of Facilities

Facilities, equipment and arrangements utilized by the Telephone Company to provide LTTS Services under the provisions of this tariff shall remain the property of the Telephone Company. Such facilities, equipment and arrangements shall be returned to the Telephone Company by the LEC whenever requested, within a reasonable period following the request, in as good condition as reasonable wear will permit.

2.9.4 Availability for Testing and Inspections

The LTTS Services provided under this tariff shall be available to the Telephone Company in order to permit the Telephone Company to make tests and inspections as set forth in Section 2.8.2 of this Tariff. Such tests and inspections shall be completed within a reasonable time. No credit will be allowed for any interruptions involved during such tests and inspections.

2.9.5 Coordination with Respect to Network Contingencies

The LEC shall, in cooperation with the Telephone Company, coordinate in planning the actions to be taken to maintain maximum network capability following natural or man-made disasters which affect telecommunications services.

LOCAL TRANSPORT AND TERMINATION SERVICES

2. GENERAL REGULATIONS (Cont'd)

2.9 Responsibility of the LEC (Cont'd)

2.9.6 Design of LEC Services

The LEC shall be solely responsible, at its own expense, for the overall design of its services and for any redesigning or rearrangement of its services which may be required because of changes in facilities, operations or procedures of the Telephone Company, minimum protection criteria or operating or maintenance characteristics of the facilities.

2.9.7 References to the Telephone Company

The LEC may advise its End Users that certain services are provided by the Telephone Company in connection with the Telephone Exchange Service the LEC furnishes to End Users; however, the LEC shall not represent that the Telephone Company jointly participates in or endorses the LEC's Telephone Exchange Services or otherwise use the name of the Telephone Company, its parent corporation, subsidiaries or affiliates in any advertising or other marketing efforts, without express written consent of the Telephone Company.

2.9.8 Relationships with Other Carriers

The LEC must establish and maintain its own business relationships with IXCs, cellular carriers, and other LECs for purposes of provisioning, billing and the conduct of general business.

2.9.9 Signaling

- (A) The LEC's facilities shall provide the necessary on-hook, off-hook, answer and disconnect supervision.
- (B) Signaling for connections provided under this tariff will use SS7 protocol where available or MF signaling protocol where SS7 signaling is not available.

LOCAL TRANSPORT AND TERMINATION SERVICES

2. **GENERAL REGULATIONS (Cont'd)**

2.9 Responsibility of the LEC (Cont'd)

2.9.10 Facility and Equipment Standards

Any facility, equipment, or labor provided or used by the LEC or its vendor which utilizes the property of the Telephone Company or terminates on the Telephone Company property, must comply with Telephone Company vendor approval and certification standards.

2.10 LTTS Exchanges.

LTTS is available for Local Traffic from LEC End Users located in a Exchange listed in Column A to Telephone Company End Users located in a corresponding Telephone Company Exchange in Column B.

Column A: Frontier Exchanges

Column B: LEC Exchanges

(T)

Adrian	Clayton, Ogden Center, Onsted, Sand Creek
Allegan	Bloomington
Bancroft	Bell Oak, Perry
Bangor	Bloomington
Barryton	Chippewa Lake, Mecosta
Bath	Shaftsbury
Bellaire	Alba
Blissfield	Deerfield, Ogden Center, Petersburg
Britton	Deerfield
Brown City	Marlette
Carson City	Crystal, Vickeryville
Caseville	Kinde, Pigeon, Port Austin
Cass City	Caro, Marlette
Clifford	Marlette
Coldwater	Litchfield
Coldwater Lake	Montgomery
Columbiaville	Fostoria, Millington
Coopersville	Allendale
Davison	Goodrich, Hadley
Dundee	Deerfield, Petersburg
Durand	Lennon
Edmore	Blanchard, Winn
Elkton	Kinde, Pigeon
Elsie	Chapin

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Rochester, New York

LOCAL TRANSPORT AND TERMINATION SERVICES

2. GENERAL REGULATIONS (Cont'd)

2.10 LTTS Exchanges. (Cont'd)

Column A: Frontier Exchanges

Column B: LEC Exchanges

(T)

Fairview	Glennie
Fenwick	Orleans, Vickeryville
Fowler-Pewamo	Westphalia
Gaylord	Alba, Boyne Falls, Chester, Elmira, Lakes of the North
Gobles	Bloomington
Grand Junction	Bloomington
Grand Ledge	Westphalia
Grayling	Chester, Lakes of the North, Manistee River, Moorestown
Hamilton	Drenthe
Harbor Beach	Port Hope
Hart	Carr
Hemlock	Brant
Higgins Lake	Moorestown
Houghton Lake	Merritt, Moorestown
Howard City	Amble
Hudson	Clayton, Osseo, Prattville, Waldron
Ida	Petersburg
Kingston	Caro, Marlette
Laingsburg	Perry, Shaftsbury
Lakeview	Amble, Blanchard, Mecosta
Lewiston	Chester
Lincoln	Glennie
McBride	Crystal
Merrill	Brant, Chapin
Metamora	Hadley
Mio	Glennie
Mt. Pleasant	Blanchard, Winn
North Branch	Fostoria, Marlette

LOCAL TRANSPORT AND TERMINATION SERVICES

2. GENERAL REGULATIONS (Cont'd)

2.10 LTTS Exchanges. (Cont'd)

Column A: Frontier Exchanges

Column B: LEC Exchanges

(T)

Onaway	Grace Harbor
Ortonville	Goodrich, Hadley
Otisville	Millington
Ovid	Chapin
Owosso	Chapin, Chesaning, Perry, Lennon, New Lothrop
Palo	Orleans, Vickeryville
Paw Paw	Bloomington
Quincy	Litchfield
Reading	Allen, Cambria, Camden, Montgomery
Remus	Blanchard, Mecosta
Riverdale	Crystal, Winn
Rogers City	Grace Harbor
St. Johns	Westphalia
Shepherd	Winn
Sheridan	Vickeryville
Six Lakes	Blanchard
Stanton	Crystal, Vickeryville
Stanwood	Mecosta
Swartz Creek	Lennon
Tecumseh	Deerfield
Vanderbilt	Boyne Falls
Vestaburg	Crystal, Winn
Weidman	Blanchard
Williamston	Bell Oak, Perry, Shaftsbury
Woodland	Sunfield

LOCAL TRANSPORT AND TERMINATION SERVICES

2. GENERAL REGULATIONS (Cont'd)

2.10 LTTS Exchanges. (Cont'd)

Column A: Frontier Exchanges

Column B: LEC Exchanges

(T)

Addison	Clayton
Homer	Concord, Litchfield, Mosherville
Lambertville	Petersburg
Lupton	Hale, Sixty Lakes
Morenci	Clayton, Sand Creek, Waldron
Prescott	Hale, Omer, Twining, Whittemore
Pullman	Bloomingtondale
Rose City	Sixty Lakes
Sterling	Omer
Tekonsha	Litchfield
Webberville	Bell Oak

LOCAL TRANSPORT AND TERMINATION SERVICES

3. ORDERING LTTS SERVICE

3.1 Ordering Requirements

3.1.1 When a LEC orders LTTS Services to terminate traffic from its network, it must provide the Telephone Company with all information required to implement appropriate arrangements, including but not limited to the following.

- (A) A forecast as specified in Section 3.2.
- (B) The V&H coordinates and CLLIs of the following.
 - (1) The POT of the facilities (for the NXX)
 - (2) The NPA/NXX or NXXs of the serving area location
 - (3) The serving Central Office as published in the LERG
- (C) OCN as issued by NECA
- (D) For initial orders, appropriate CPCN issued by the PSC
- (E) The type of interconnection being ordered (i.e., End Office Termination or Tandem Termination)
- (F) The type of signaling to be used (i.e., SS7 or MF)
- (G) Point code and network information required for SS7 signaling
- (H) The number of DS1 port terminations being ordered
- (I) The CIC to be associated with this arrangement
- (J) RAO and other information required for record exchange
- (K) Other standard requirements

3.1.2 It is the obligation of the LEC to properly size and order trunk groups for the termination of its Local Traffic by End Office or Tandem, where appropriate. The Telephone Company will provide additional trunks or facilities where facilities exist.

LOCAL TRANSPORT AND TERMINATION SERVICES

3. ORDERING LTTS SERVICE (Cont'd)

3.2 Forecasts

- 3.2.1 Initial Trunk Forecast Requirements: At least ninety (90) days before initiating interconnection for LTTS Service, LEC shall provide Telephone Company a two (2)-year traffic forecast that complies with the Telephone Company's guidelines, as revised from time to time. This initial traffic forecast will provide the amount of traffic to be delivered to the Telephone Company over each of the LTTS Service Tandem Terminations and End Office Terminations over the next eight (8) quarters.
- 3.2.2 Ongoing Trunk Forecast Requirements: Where LEC and the Telephone Company have already established interconnection for LTTS Service, LEC shall provide a new or revised traffic forecast that complies with the Telephone Company's guidelines when LEC develops plans or becomes aware of information that will materially affect such interconnection for LTTS Service. Instances that require a new or revised forecast include, but are not limited to: (a) LEC plans to deploy a new switch; (b) LEC plans to implement a new network architecture; (c) LEC plans to rearrange its network; (d) LEC expects a significant change in Local Traffic volume. In addition, upon request by either LEC or the Telephone Company, representatives of LEC and the Telephone Company shall meet to: (i) review traffic and usage data on End Office Terminations and Tandem Terminations and (ii) determine whether they should establish new LTTS Service Terminations, augment existing LTTS Service Terminations, or disconnect existing LTTS Service Terminations.
- 3.2.3 Use of Trunk Forecasts: Trunk forecasts provided pursuant to this tariff must be prepared in good faith but are not otherwise binding on LEC or the Telephone Company.

3.3 LTTS Service Installation Intervals

3.3.1 General

- (A) LEC shall order LTTS Service End Office Terminations and Tandem Terminations by submitting mutually agreed order documents to the Telephone Company setting forth the number of LTTS Service End Office Terminations and Tandem Terminations to be installed and the requested installation dates within the Telephone Company's effective standard intervals or negotiated intervals, as appropriate.
- (B) LTTS Service will be installed during normal Telephone Company Business Days. If LEC requests that installation be done outside of normal scheduled work hours, and the Telephone Company agrees to this request, expedited order charges will apply per Section 3.3.4 of this tariff.

LOCAL TRANSPORT AND TERMINATION SERVICES

3. ORDERING LTTS SERVICE (Cont'd)

3.3 LTTS Service Installation Intervals (Cont'd)

3.3.2 Standard Interval

- (A) Upon request, the Telephone Company will provide LEC with its standard intervals for LTTS Service End Office Terminations and Tandem Terminations.
- (B) The standard interval will be calculated from the date of receipt of a complete and accurate LTTS Service order. Changes in ordering information may result in renegotiation of the installation date.

3.3.3 Negotiated Interval

- (A) The Telephone Company will negotiate an installation date for LTTS Service End Office Terminations and Tandem Terminations under the follow circumstances.
 - (1) When there is no standard interval for the LTTS Service End Office Terminations and Tandem Terminations.
 - (2) When the quantity of LTTS Service End Office Terminations and Tandem Terminations ordered exceeds the quantities specified in the Telephone Company's standard intervals.
 - (3) When the LEC requests an installation date beyond the applicable standard interval installation date.
- (B) The Telephone Company will negotiate with the LEC to determine an appropriate interval for the establishment of new LTTS Service End Office Terminations and Tandem Terminations, or for complex jobs requiring coordination, such as large projects and requests greater than 384 End Office Terminations and Tandem Terminations.
 - (1) Complex jobs include, but are not limited to, routing changes, NXX code movement or changes, traffic pattern changes, network consolidation, or grooming.
 - (2) Large projects include, but are not limited to, any order (new, augment or multiple) for more than 192 End Office Terminations and Tandem Terminations requested during a 30 Business Day period.

LOCAL TRANSPORT AND TERMINATION SERVICES

3. ORDERING LTTS SERVICE (Cont'd)

3.3 LTTS Service Installation Intervals (Cont'd)

3.3.4 Modifications

- (A) Expedited Order—When placing an order for service(s) for which standard intervals exist, a LEC may request a service date that is prior to the standard interval service date. A LEC may also request an earlier service date on a pending standard or negotiated interval LTTS Service trunk order. If the Telephone Company agrees to provide LTTS Service End Office Terminations and Tandem Terminations on an expedited basis, expedited order charges set forth in Section 6 of the Frontier FCC Nos. 5 and 6 tariffs, Section 4 of the Telephone Company Tariff M.P.S.C. No. 25R will apply. No more than 5% of a LEC's orders will be expedited.
- (1) If the Telephone Company is subsequently unable to meet an agreed upon installation date, no expedited order charge will apply unless the missed installation date was caused by the LEC, its agent or customers. If additional costs other than any applicable additional labor are to be incurred when an installation date on a LTTS Service order is expedited, the Telephone Company will develop and quote such costs to the LEC, obtain LEC authorization and bill the LEC in accordance with such quote.

LOCAL TRANSPORT AND TERMINATION SERVICES

4. ISSUANCE, PAYMENT AND CREDITING OF CUSTOMER BILLS

4.1 Responsibility of the Telephone Company

4.1.1 Billing Convention Methods

- (A) The Telephone Company shall submit to the LEC on a monthly basis, in an itemized form, statement(s) of charges incurred by the LEC under this tariff.
- (B) The Telephone Company may bill in advance charges for all services to be provided during the ensuing billing period except for charges associated with LTTS Services usage which will be billed in arrears.

4.1.2 Billing Periods

Payment of amounts billed for LTTS Services provided under this tariff shall be due, in immediately available U.S. funds, on the later of the following dates (the "Due Date"): (a) the due date specified on the Telephone Company's statement; or (b) twenty (20) days after the date the statement is received by the LEC. LEC shall transmit payments to the Telephone Company by electronic funds transfer.

4.1.3 Late Payment Penalty

- (A) If payment (or any portion of a payment) is not received by the Due Date, or if the payment (or any portion of a payment) is received in funds which are not immediately available to the Telephone Company, then a late payment penalty will apply.
- (B) The late payment penalty shall be the portion of the payment not received by the Due Date times a late factor. The late factor shall be the lesser of the following amounts.
 - (1) The highest interest rate (in decimal value) which may be levied by law for commercial transactions, for the number of days from the Due Date to and including the date that the LEC actually makes the payment to the Telephone Company.
 - (2) 0.0005 per day, simple interest, for the number of days from the Due Date to and including the date that the Telephone Company actually receives the payment from the LEC.

LOCAL TRANSPORT AND TERMINATION SERVICES

4. ISSUANCE, PAYMENT AND CREDITING OF CUSTOMER BILLS (Cont'd)

4.1 Responsibility of the Telephone Company (Cont'd)

4.1.4 Assurance of Payment

- (A) Upon request by the Telephone Company, LEC shall, at any time and from time to time, provide to the Telephone Company adequate assurance of payment of amounts due (or to become due) to Frontier for LTTS. (T)
- (B) Assurance of payment of charges may be requested by the Telephone Company if LEC (a) has failed to timely pay a bill rendered to LEC by the Telephone Company, (b) fails to timely pay a bill rendered to LEC by the Telephone Company, (c) in the Telephone Company's reasonable judgment, is unable to demonstrate that it is creditworthy, or (d) admits its inability to pay its debts as such debts become due, has commenced a voluntary case (or has had a case commenced against it) under the U.S. Bankruptcy Code or any other law relating to bankruptcy, insolvency, reorganization, winding-up, composition or adjustment of debts or the like, has made an assignment for the benefit of creditors or is subject to a receivership or similar proceeding.
- (C) The assurance of payment shall consist of an unconditional, irrevocable standby letter of credit naming the Telephone Company as the beneficiary thereof and otherwise in form and substance satisfactory to the Telephone Company from a financial institution acceptable to the Telephone Company. The letter of credit shall be in an amount equal to two (2) months anticipated charges, as reasonably determined by the Telephone Company, for the LTTS Services to be provided by the Telephone Company to LEC under this tariff. If LEC meets the condition in subsection 4.1.4(B)(d) above or has failed to timely pay two or more bills rendered by the Telephone Company in any twelve (12)-month period, the Telephone Company may, at its option, request (and LEC shall provide) additional assurance of payment, consisting of monthly advanced payments of estimated charges as reasonably determined by the Telephone Company, with appropriate true-up against actual billed charges no more frequently than once per calendar quarter. Any such assurance of payment will be held by the Telephone Company as a guarantee of the payment of rates and charges under this tariff.
- (D) The Telephone Company may (but is not obligated to) draw on the letter of credit upon notice to LEC in respect of any amounts to be paid by LEC under this tariff that are not paid within thirty (30) days of the Due Date.
- (E) If the Telephone Company draws on the letter of credit, upon request by the Telephone Company, LEC shall provide a replacement or supplemental letter of credit conforming to the requirements of Section 4.1.4(C).

LOCAL TRANSPORT AND TERMINATION SERVICES

4. ISSUANCE, PAYMENT AND CREDITING OF CUSTOMER BILLS (Cont'd)

4.1 Responsibility of the Telephone Company (Cont'd)

4.1.4 Assurance of Payment

- (F) Providing an assurance of payment does not relieve the LEC from its obligations to comply with the Telephone Company's regulations regarding the prompt payment of bills nor constitute a waiver or modification of the terms in this tariff pertaining to the discontinuance of LTTS Service for nonpayment of any amounts payment of which is required by this tariff.
- (G) If the Telephone Company makes a request for an assurance of payment in accordance with the terms of this Section 4.1.4, the Telephone Company shall have no obligation thereafter to perform under this tariff until such time as the LEC has provided the Telephone Company with such assurance of payment.

4.1.5 Billing Dispute

In the event that a billing dispute occurs concerning any charges billed to the LEC by the Telephone Company, the following regulations will apply.

- (A) The first day of the dispute shall be the date on which the LEC furnishes the Telephone Company the account number under which the bill has been rendered, the date of the bill and the specific items on the bill being disputed.
- (B) The date of resolution shall be the date on which the Telephone Company completes its investigation of the dispute, notifies the LEC of the disposition and, if the billing dispute is resolved in favor of the LEC, applies the credit for the amount of the dispute resolved in the LEC's favor to the LEC's bill, including the late payment penalty, as appropriate.
- (C) If a billing dispute is resolved in favor of the Telephone Company, any payments withheld pending resolution of the dispute shall be subject to the late payment penalty from the Due Date, as set forth in Section 4.1.3.

LOCAL TRANSPORT AND TERMINATION SERVICES

4. ISSUANCE, PAYMENT AND CREDITING OF CUSTOMER BILLS (Cont'd)

4.1 Responsibility of the Telephone Company (Cont'd)

4.1.6 Billing Adjustments and Verification

- (A) Adjustments for the quantities of services established or discontinued in any billing period will be prorated to the number of days or major fraction of days based on a 30 day month.
- (B) The Telephone Company will, upon request and if available, furnish such detailed information as may reasonably be required for verification of any bill.

4.1.7 Computation of Billed Charges

When a rate as set forth in this tariff is shown to more than two decimal places, the charges will be determined using the rate shown. The resulting amount will then be rounded to the nearest penny (i.e., rounded to two decimal places).

4.1.8 Purchase of Services from Other Telephone Company Tariffs

Services purchased by LEC from other Telephone Company tariffs will be provided at tariffed rates for those services until the Telephone Company receives an order in writing to disconnect those services.

LOCAL TRANSPORT AND TERMINATION SERVICES

4. ISSUANCE, PAYMENT AND CREDITING OF CUSTOMER BILLS (Cont'd)

4.2 Responsibility of the Customer

4.2.1 Revenue Accounting Office (RAO)

(A) The LEC must obtain a valid RAO number with a CMDS host for that RAO for each of its NXXs in order to permit the exchange of usage data associated with alternate billing services (e.g., third party billed).

(1) The RAO and the data transfers must comply with standard industry EMR format.

4.2.2 Re-establishing Service

NRCs apply for re-establishing service following fire, flood or other occurrence not due to the fault of the Telephone Company.

LOCAL TRANSPORT AND TERMINATION SERVICES

5. DESCRIPTION OF LOCAL TRANSPORT AND TERMINATION SERVICE (LTTS)

5.1 General

- 5.1.1 Rates and charges for services described herein are contained in Section 8.
- 5.1.2 LTTS Service provides transport and termination of Local Traffic. A separate Carrier Identification Code (CIC) is required for this Service arrangement. This Service provides the termination and transmission of Local Traffic from the POT to the Telephone Company End User.
- 5.1.3 The LEC will determine whether the service is to be directly routed to Telephone Company End Office(s) and/or Tandem(s).
- 5.1.4 At the option of the LEC, 64CCC transmission facilities may be utilized where available.
- 5.1.5 When space, facilities and network capacity for termination at the Telephone Company End Office(s) and/or Tandem(s) are not available, the Telephone Company may select and make available another Telephone Company End Office(s) and/or Tandem(s).
- 5.1.6 LTTS Service is provided as a terminating voice frequency Transmission path that permits the transport of Local Traffic in the terminating direction from the POT to the Telephone Company End User. All voice frequency Transmission paths may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.
- 5.1.7 LTTS Service purchased under this tariff will not be prorated to reflect shared use or mixed use with other services such as private line services, special access services, DID-like and DOD-like services, and other services precluded under Sections 2.1.6, 2.1.8, 2.1.10, and 5.1.9.
- 5.1.8 Signaling for LTTS Service will use SS7 protocol where available or MF signaling where SS7 signaling is not available. When SS7 signaling is used, service must conform to the requirements in TR-TSV-000905 and TR-TSV-000962.

LOCAL TRANSPORT AND TERMINATION SERVICES

5. DESCRIPTION OF LOCAL TRANSPORT AND TERMINATION SERVICE (LTTS) (Cont'd)

5.1 General (Cont'd)

5.1.9 LTTS Services are not available for the following traffic types, arrangements, services or options.

- (a) 911/E911
- (b) Directory Assistance
- (c) Operator Services.
- (d) Directory Listing Services
- (e) Information Services and Mass Announcement

5.1.10 Tandem Transit Traffic

- (a) Tandem Transit Traffic is Telephone Exchange Service traffic that originates on a Third parties network, and is transported through a Frontier Tandem to the Central Office of a CLEC, ILEC other than Frontier, Commercial Mobile Radio Service (CMRS) carrier, or other LEC, that subtends the relevant Frontier Tandem to which a third party delivers such traffic. Neither the originating nor terminating customer is a Customer of Frontier. Subtending Central Offices shall be determined in accordance with and as identified in the Local Exchange Routing Guide (LERG). Switched Exchange Access Service traffic is not Tandem Transit Traffic. (T)
(T)
(T)
- (b) Customers shall pay Frontier for Transit Service that third parties originates at the rate specified in section 8, plus any additional charges or costs the receiving CLEC, ILEC, CMRS carrier, or other LEC, imposes or levies on Frontier for the delivery or termination of such traffic, including any Switched Exchange Access Service charges. (T)
(T)

5.2 End Office Termination

5.2.1 General

The LTTS Service End Office Termination arrangement provides a LEC with a Trunk Side Connection at 1.544 Mbps (DS1 rate; 24 voice grade equivalent channels or 44.736 Mbps DS3 rate; 28 DS1 channels) at a POT located at the Telephone Company End Office. All 24 voice grade equivalent channels or 28 DS1 channels must be directed to the same Telephone Company's End Office. An End Office Termination arrangement will allow for a LEC to terminate its Local Traffic from the applicable POT to a Telephone Company End User served by that End Office.

5.2.2 Two-Way End Office Termination Arrangement

At the Telephone Company's request, an End Office Termination arrangement may be configured as two-way to enable the Telephone Company to terminate Local Traffic from its End User to the LEC's End User over the same End Office Termination arrangement.

LOCAL TRANSPORT AND TERMINATION SERVICES

5. DESCRIPTION OF LOCAL TRANSPORT AND TERMINATION SERVICE (LTTS) (Cont'd)

5.3 Tandem Termination Arrangement

5.3.1 General

Unless otherwise specified, the LTTS Service Tandem Termination arrangement provides a LEC with a Trunk Side Connection at 1.544 Mbps (DS1 rate) (24 voice grade equivalent channels) or 44.736 Mbps (DS3 rate) (28 DS1 channels) at a POT located at the Telephone Company's Tandem. All 24 voice grade equivalent channels or 28 DS1 channels must be directed to the same Telephone Company Tandem listed. A Tandem Termination arrangement will allow for a LEC to terminate its Local Traffic to a Telephone Company End User served by a Telephone Company End Office subtending that same Tandem as listed in the LERG.

5.3.2 Two-Way Tandem Termination Arrangement

At the Telephone Company's request, a Tandem Termination arrangement may be configured as two-way to enable the Telephone Company to terminate Local Traffic from its End User to the LEC's End User over the same Tandem Termination arrangement.

LOCAL TRANSPORT AND TERMINATION SERVICES

5. DESCRIPTION OF LOCAL TRANSPORT AND TERMINATION SERVICE (LTTS) (Cont'd)

5.4 Transport to the End Office or Tandem POT

5.4.1 Description

- (A) Where the LEC orders LTTS Service under this tariff to the Telephone Company's End Office or Tandem, the LEC is responsible for transport from the LEC's network to the POT at the Telephone Company End Office or Tandem, as appropriate. Transport for End Office Termination and Tandem Termination arrangements may be provided to a LEC as follows:
- (1) Special Access Line provided under the rates, terms and conditions of Section 5 of the Telephone Company Tariff M.P.S.C. No. 25R.
 - (2) Special Transport and Special Transport Termination provided under the rates, terms and conditions of Section 5 of the Telephone Company Tariff M.P.S.C. No. 25R.
 - (3) The LEC also has the option of using an alternative transport facility provider other than the Telephone Company for this purpose, as long as separate trunk groups, CICs and other necessary information for billing account identities are maintained.
- (B) When a LEC requests DS3 transmission level, a DS3 to DS1 multiplexing arrangement must be used. Multiplexing Services will be provided under the rates, terms and conditions of Section 5 of the Telephone Company Tariff M.P.S.C. No. 25R.

5.5 Responsibility of the Telephone Company

5.5.1 Measuring LEC Termination Minutes

- (A) LEC traffic to End Office Termination and Tandem Termination arrangements will be measured by the Telephone Company at End Office(s) or Tandem(s), where the Telephone Company has such measurement capability. Terminating traffic will be measured by the Telephone Company to determine the basis for chargeable minutes. The measured minutes are the chargeable minutes. Measured minutes or fractions thereof are accumulated over the billing period for each End Office, and are then rounded up to the nearest access minute for each End Office.
- (1) The measurement of minutes begins when the terminating End User has answered.
 - (2) The measurement of minutes ends when the terminating End User or the LEC has disconnected.

LOCAL TRANSPORT AND TERMINATION SERVICES

5. DESCRIPTION OF LOCAL TRANSPORT AND TERMINATION SERVICE (LTTS) (Cont'd)

5.6 Responsibility of the LEC

5.6.1 Combined Traffic/Provision of Records

- (A) A LEC may combine intraLATA toll traffic on the same LTTS facilities as used for terminating Local Traffic under this tariff.
- (B) If the LEC terminates intraLATA toll traffic on the same LTTS facilities as it uses for terminating Local Traffic, the LEC must provide to the Telephone Company either of the following:
 - (1) CPN through SS7 signaling for all traffic terminated on LTTS facilities.
 - (2) Usage percentages of the Local Traffic on the LTTS facilities. Such usage percentages shall be updated quarterly and subject to reasonable periodic audits.
- (C) Incorrect Usage Reporting—Where any Local Traffic percentage provided by the LEC is found, upon review, to be incorrect, the Telephone Company may rerate the traffic based on accurate information and the LEC will be backbilled or credited those amounts for a period retroactive to the date that the incorrect Local Traffic percentage(s) was reported, but not to exceed 24 months.
 - (1) Such backbilled amounts are subject to a late payment penalty and payment shall be made in immediately available funds, within 31 days from receipt of bill or by the following bill date, whichever is a shorter period. Interest will not apply to credited amounts which result from incorrect Local Traffic percentages reported by the LEC.
- (D) The Telephone Company will rate and bill all terminating traffic on the LTTS facilities for which it has not received complete call detail records or CPN in a timely manner under Section 6 of the Frontier FCC Nos. 5 and 6 tariffs, and Section 6 of the Telephone Company Tariff M.P.S.C. No. 25R.
- (E) A LEC may not originate FGD Access Traffic or 8YY Access Traffic on trunk groups used for the provision of LTTS Services.

LOCAL TRANSPORT AND TERMINATION SERVICES

6. OPTIONAL FEATURES/SERVICES

6.1 Description

LTTS Service optional features, which are available at the option of the LEC, are provided where transmission facilities permit. Rates and charges for services described herein are contained in Section 8.3.

6.1.1 64 Kbps Clear Channel Capability (64CCC)

64 CCC provides a B8ZS encoding technique that allows a customer to transport voice or data signals over a 64 kbps channel with no constraint on the quantity or sequence of ones (mark) and zero (space) bits. The derived 64 kbps clear channels support superframe or extended superframe formatting. This nonchargeable feature is available in suitably equipped electronic End Offices as specified in NECA Tariff FCC No. 4.

6.1.2 Supervisory Signaling

Where the transmission parameters permit, and where signaling conversion is required by the LEC to meet its signaling capability, the LEC may order an optional supervisory signaling arrangement for each Transmission path.

6.1.3 Multiplexing Arrangements

(A) Multiplexing converts 44.763 Mbps (DS3) transmission channel into twenty-eight 1.544 Mbps (DS1) channels.

(1) A monthly rate for a multiplexer at each location where the multiplexing function is performed will apply.

(2) In addition to the multiplexing charge, the applicable transport charges will apply.

6.1.4 Charge Number (CN)

(A) CN provides for the automatic transmission of the 10-digit billing number of the calling station number and originating line information from the LEC's End User's premises. This feature is available when ordered with the SS7 signaling option.

(B) The Telephone Company may use information acquired from a CN feature, such as the telephone number and billing information or information derived from analysis of the characteristics for calls received through the CN feature, for any lawful purpose.

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6. OPTIONAL FEATURES/SERVICES (Cont'd)

6.1 Description (Cont'd)

6.1.5 Calling Party Number (CPN)

- (A) CPN provides for the automatic transmission of the originating ten digit telephone number from the LEC's End User's premises. The ten digit telephone number consists of the NPA plus the seven digit telephone number as the calling station's charge number.
- (B) CPN is available when ordered with the SS7 signaling option.
- (C) The CPN parameter may not be modified by the LEC. When CPN is included within an SS7 initial address message, the LEC may not alter the information received within this parameter. This includes the setting of the CPN address presentation restriction indicator. When CPN is to be transmitted to another switch in the call path, this information element must be transmitted as received.

6.1.6 Transactional Capabilities Application (TCAP)

SS7 TCAP messages support non-circuit related information transfer between signaling nodes. TCAP provides a generic framework protocol for remote operations.

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7. SIGNALING SYSTEM 7 (SS7)

7.1 General

SS7 interconnection, signaling and optional features are available in the Frontier FCC Nos. 5 and 6 tariffs, and in the Telephone Company Tariff M.P.S.C. No. 25R and can be used with LTTS Services.

7.2 Cooperative Testing

Interconnection to the Telephone Company SS7 network for LTTS Services may require cooperative certification testing with the LEC in compliance with GR-000905-CORE or a comparable Telephone Company test plan prior to service being activated. The Telephone Company reserves the right to determine what kind of certification testing is required. Set-up and testing charges (NRCs) are made for each test event.

7.3 Application of Rates and Charges

Rates and charges for SS7 interconnection, signaling and optional features used with LTTS Services will be applied under the terms of the Frontier FCC Nos. 5 and 6 tariffs, and in the Telephone Company Tariff M.P.S.C. No. 25R.

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8. RATES AND CHARGES

8.1 Surcharges and Other Taxes

8.1.1 Surcharges and taxes, if any, will be billed according to state law or statute.

8.2 Local Transport and Termination

Service Category	Rate Element	Rate
LTTS End Office Termination	Local Traffic End Office Reciprocal Compensation Rate	\$0.00000000/MOU (R)
LTTS Tandem Termination	Local Traffic Tandem Reciprocal Compensation Rate	\$0.0000305276/MOU (R)
LTTS Tandem Transit	Local Traffic Tandem Transit Compensation Rate	\$0.00000302000/MOU (R)

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