

TC Systems, Inc.  
P.S.C. No. 7 -- Telephone  
Access Services  
Effective Date: December 23, 2011

Section 1  
Leaf No. 1  
Revision: 0

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SECTION 1 – GENERAL INFORMATION

1.1 TITLE PAGE

ACCESS SERVICES

REGULATIONS AND SCHEDULE OF INTRASTATE ACCESS CHARGES

APPLYING TO

TC SYSTEMS, INC.

SERVICE IN THE STATE OF NEW YORK

This tariff supersedes P.S.C. No. 5 - Telephone in its entirety.

TC Systems, Inc.  
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Effective Date: May 1, 2017

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## SECTION 1 – GENERAL INFORMATION

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11	RESERVED FOR FUTURE USE	(N)
12	MISCELLANEOUS CHARGES	(N)
ADDENDUM TYPE	PRICE LIST	
STATEMENT TYPE	GRT	

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### 1.3 SYMBOLS USED IN THIS TARIFF

- (C) To signify changed listing, rule, or condition which may affect rates or charges.
- (D) To signify discontinued material, including listing, rate, rule or condition.
- (I) To signify an increase.
- (L) To signify material relocated from or to another part of tariff schedule with no change in text, rate, rules or conditions.
- (N) To signify new materials including listing, rate, rule or condition.
- (R) To signify reduction.
- (T) To signify change in working of text but not change in rate, rule or condition.

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### 1.4 CARRIERS

#### CONCURRING CARRIERS

Teleport Communications

#### CONNECTING CARRIERS

None

#### OTHER PARTICIPATING CARRIERS

None

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## SECTION 1 – GENERAL INFORMATION

### 1.5 DEFINITIONS

Certain terms used generally throughout this tariff for Access Services of this Company are defined below. (T)

Access Lines: A Telephone facility which permits access to and from both the Customer's premises and the telephone exchange or serving central office.

#### Access Minutes

For the purpose of calculating chargeable usage, the term "Access Minutes" denotes Customer usage, in minutes of use, of Access Service in the provision of intrastate service. Unless otherwise provided in this Tariff, on the originating end of an intrastate Call, usage is measured from the time the originating End User's Call is delivered by the Company to and acknowledged as received by the Customer's facilities connected with the originating exchange, and on the terminating end of an intrastate Call, usage is measured from the time the Call is received by the End User in the terminating exchange. Unless otherwise provided in this Tariff, timing of usage at both originating and terminating ends of an intrastate Call shall terminate when the calling or called party disconnects, whichever event is recognized first in the originating and terminating exchanges, as applicable.

#### Access Service

The term "Access Service" denotes the use of the network or facilities of the Company to enable a Customer to terminate a Call. Notwithstanding the foregoing, Access Service does not include any service that constitutes Network Interconnection Service.

#### Access Tandem

The term "Access Tandem" denotes a switching system which provides a concentration and distribution function for terminating traffic between the Customer Premises and End Offices that are served by such Access Tandem.

Add/Drop Multiplexing: A multiplexing function that allows lower level signals to be added or dropped from an Optical Carrier (OC) channel.

Advance Payment: Part of all of a payment required before the start of service.

Application: A request made orally or in writing for service.

Asynchronous: A method of transmission in which information is sent with each character (byte) providing synchronization via start and stop bits.

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### 1.5 DEFINITIONS (Cont'd)

Authorized User: A person, firm or corporation which is authorized by the Customer or joint user to be connected to the service of the Customer or joint user, respectively.

Affiliate: The term "Affiliate" denotes a person or entity that (directly or indirectly) owns or controls, is owned or controlled by, or is under common ownership or control with, another person or entity. For purposes of this paragraph, the term "own" means to own an equity interest (or the equivalent thereof) of 50 percent or more..

Bit: The smallest unit of information in the binary system of notation.

#### Business Day

The term "Business Day" denotes the times of day that a company is open for business. Generally, in the business community, these are 8:00 or 9:00 a.m. to 5:00 or 6:00 p.m., respectively, with an hour for lunch, Monday through Friday, resulting in a standard forty (40) hour work week. However, Business Day hours for the Company may vary based on Company policy, union contract and location.

#### Call

The term "Call" denotes an End User or Customer attempt for which complete address information (e.g., 7 or 10 digits) is provided to the serving dial tone office.

#### Carrier or Common Carrier

The term Carrier or Common Carrier denotes a Local Exchange Carrier or Interexchange Carrier.

Central Office: A switching unit in a telephone system which provides service to the general public, having the necessary equipment and operating arrangements for the terminating and interconnecting Customer lines and trunks or trunks only. There may be more than one central office in a building or exchange.

#### Central Office Prefix

The term Central Office Prefix denotes the first three digits (NXX) of the seven digit telephone number assigned to an End User's Local Exchange Service.

Channel: A path (or paths) for electrical communication between two or more stations or telephone company offices and furnished in such a manner as the Company may elect.

#### Channelize

The term Channelize denotes the process of multiplexing/demultiplexing wider bandwidth or higher speed channels into narrower bandwidth or lower speed channels.

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## SECTION 1 – GENERAL INFORMATION

### 1.5 DEFINITIONS (Cont'd)

Circuit: A channel used for the transmission of electrical energy in the furnishing of telephone and other communication services.

Commission: The New York Public Service Commission.

#### Communications System

The term Communications System denotes channels and other facilities which are capable of communications between terminal equipment provided by other than the Company.

Company: TC Systems, Inc. ("TCG"), also referred to as AT&T. (T)

Connecting Arrangement: The equipment provided by the Company to accomplish the direct electrical connection of Customer-provided facilities with the facilities of the company; or facilities of the company with other facilities of the Company.

Connecting Company: A corporation, association, partnership or individual owning or operating one or more exchanges and with which communications services are interexchanged.

Construction Charge: A separate nonrecurring charge made for the construction of facilities in excess of those contemplated under the rates quoted in this tariff.

Continuous Property: Continuous property is defined as a plot of ground, together with any buildings thereon, occupied by the Customer which is not separated by public thoroughfares or by property occupied by others.

Contract: The agreement between a Customer and the Company under which service and facilities are furnished in accordance with the applicable provisions of the Tariffs.

Customer: The person, firm or corporation which orders service and is responsible for the payment of charges and compliance with the terms and conditions of this tariff.

Customer-Provided Equipment: All communications systems, devices, apparatus and their associated wiring, provided by the Customer.

#### Customer Premises

The term Customer Premises denotes the premises designated or used by the Customer for the provision of Access Service.

#### Dial Around Service

Dial Around Service allows an End User to reach a non-presubscribed Interexchange Carrier via dialing 10XXX or 101XXXX.

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### 1.5 DEFINITIONS (Cont'd)

#### DS1 Facility

The term DS1 Facility denotes a facility that is capable of transmitting electrical signals at a nominal rate of 1.544 Mbps, with the capability to channelize up to 24 voice-frequency transmission paths.

#### DS3 Facility

The term DS3 Facility denotes a facility that is capable of transmitting electrical or optical signals at a nominal rate of 44.736 Mbps, with the capability to channelize up to 672 voice-frequency transmission paths.

Dedicated: A facility or equipment system or subsystem set aside for the sole use of a specific Customer.

Digital Bit Stream: Synchronous flow of binary data in digital from a single Customer-provided source at a predetermined speed.

Duplex (Channels) Service: When applied to a channel service, denotes one with the capability of the simultaneous transmission, to the extent of its defined characteristics, of two messages, one in each direction.

End Office: The term "end office" denotes the LEC switching system office or serving wire center where Customer station loops are terminated for purposes of interconnection to each other and/or to trunks.

#### End User

The term End User means any customer of an intrastate telecommunications service that is not a carrier, except that a carrier other than a telephone company shall be deemed to be an End User when such carrier uses a telecommunications service for administrative purposes, and a person or entity that offers telecommunications service exclusively as a reseller shall be deemed to be an End User if all resale transmissions offered by such reseller originate on the premises of such reseller. (C)

Entrance Facilities: Facilities extending from the point of entrance on private property to the premises on which service is furnished.

Exchange: A geographical area established for the administration of telephone service in a specified area, called the "Exchange Area", which usually embraces a city, town or village, and its environs. It may contain one or more central offices together with the associated plant, equipment and facilities used in furnishing communication service within that area.



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### 1.5 DEFINITIONS (Cont'd)

Facilities: Includes, in the aggregate or otherwise, but is not limited to, the following:

channels	lines
apparatus	devices
equipment	accessories
Communication paths	systems

which are provided by the Company and utilized by it in the furnishing of telecommunications services or which are provided by a Customer and used for telecommunications purposes.

Fiber Optic Cable: A thin filament of glass with a protective outer coating through which a light beam carrying communications signals may be transmitted by means of multiple internal reflections to a receiver, which translates the message.

#### First Point of Switching

The term First Point of Switching denotes the first Company location at which switching occurs on the terminating path of a Call proceeding from the Customer Premises to the terminating End Office and, at the same time, the last Company location at which switching occurs on the originating path of a Call proceeding from the originating End Office to the Customer Premises.

#### Immediately Available funds in U.S. dollars

The term Immediately Available funds in U.S. dollars denotes a corporate or personal check drawn on a bank account and funds which are available for use by the receiving party on the same day on which they are received and include U.S. Federal Reserve bank wire transfers, U.S. Federal Reserve notes (paper cash), U.S. coins, U.S. Postal Money Orders and New York Certificates of Deposit.

#### Incumbent Local Exchange Carrier (ILEC)

The term Incumbent Local Exchange Carrier shall mean any Carrier that constitutes an incumbent local exchange carrier pursuant to Section 251(h)(1) of the Communications Act of 1934 or that is treated as an incumbent local exchange carrier pursuant to Section 251(h)(2) of the Communications Act of 1934.

#### Individual Case Basis (ICB)

A service arrangement in which the regulations, rates and charges are developed based on the specific circumstances of the case.

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### 1.5 DEFINITIONS (Cont'd)

Installation Charge: A nonrecurring charge made at the time of installation of communications service which may apply in place of or in addition to service charges and other applicable charges for service or equipment.

#### Interconnection Agreement

The term Interconnection Agreement denotes a lawful written agreement between the Company and a Local Exchange Carrier relating to the mutual termination of Local Traffic.

Interconnection Traffic: IntraLATA traffic which (a) originates on LEC's network and terminates to the Company's network or (b) originates on another LEC's network, transits LEC's network and terminates to the Company's network and is subject to the terms of the interconnection agreement executed between the parties. (T)  
(T)

#### Interexchange Carrier (IXC) or Interexchange Common Carrier

The terms Interexchange Carrier (IXC) or Interexchange Common Carrier denotes any individual, partnership, association, joint-stock company, trust, governmental entity or corporation engaged for hire in intrastate communication by fiber optics, wire or radio or any suitable technology or combination of technologies, between two or more exchanges.

Interface: The term "Interface" denotes that point on the premises of the Customer at which provision is made for connection of other than Company provided facilities to facilities provided by the Company.

Interface Equipment: Equipment provided by the Company at the interface location to accomplish the direct electrical connection of facilities provided by the Company with facilities provided by other than the Company.

#### Intermediate Carrier

The term Intermediate Carrier denotes another carrier with which the Company has made an arrangement under which the carrier will provide services that may include, without limitation, data base, switching and/or transport services in connection with Calls and is authorized by the Company to bill the Customer for all access services under the carrier's tariff or Service Guide, as if all such services had been provided by the carrier.

#### Interstate Communications

The term Interstate Communications denotes both interstate and foreign communications.

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## SECTION 1 – GENERAL INFORMATION

### 1.5 DEFINITIONS (Cont'd)

#### Intrastate Communications

The term Intrastate Communications denotes any communications within a state subject to oversight by a state regulatory commission as provided by the laws of the state involved.

Joint User: A person, firm or corporation which is designated by the Customer as a user of the Company's Service furnished to the Customer and to whom a portion of the charges for the service will be billed under a joint user arrangement as specified herein. (T)

Kbps: Kilobits per second, denotes thousands of bits per second.

LATA: A Local Access and Transport Area established pursuant to the Modification of Final Judgment entered by the United States District Court for the District of Columbia in Civil Action No. 82-0192; or any other geographic area designated as a LATA in the National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4.

#### Legal Holiday

The term Legal Holiday denotes a day other than a Saturday or Sunday for which the Company is normally closed.

#### Local Access and Transport Area (LATA)

The term "Local Access and Transport Area" denotes a geographic area established for the provision and administration of communications service. It encompasses one or more designated exchanges, which are grouped to serve common social, economic and other purposes.

Local Telephone Company: A company authorized by the Commission to provide local exchange services in New York State.

Local Exchange Carrier ("LEC"): A local exchange carrier as that term is defined at 47 U.S.C. §153 (26).

#### Local Exchange Service

The term Local Exchange Service denotes a service which provides for exchange telephone communication within a local calling area.

#### Local Traffic

For the purposes of this Tariff, the term Local Traffic means calls that originate and terminate within the territory agreed to by the Company and a Customer in an Interconnection Agreement as the territory within which Calls subject to the reciprocal compensation provisions of the Interconnection Agreement are originated and terminated. Local Traffic shall also be subject to any other restrictions specified in an Interconnection Agreement.

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## SECTION 1 – GENERAL INFORMATION

### 1.5 DEFINITIONS (Cont'd)

Maintenance Visit Charge: A charge applied when the location of reported trouble is found to be in Customer-provided equipment.

#### Major Fraction Thereof

The term "Major Fraction Thereof" denotes any period of time in excess of 1/2 of the stated amount of time. As an example, in considering a period of 24 hours, a Major Fraction Thereof would be any period of time in excess of 12 hours exactly.

Mbps: Megabits per second, denotes millions of bits per second.

Minimum Contract Period: The minimum length of time for which a Customer is obligated to pay for service, facilities and equipment whether or not retained by the Customer for such minimum length of time.

#### Mutual Traffic Exchange

The term Mutual Traffic Exchange denotes a compensation arrangement between the Company and a Customer where each party agrees to terminate on its network Local Traffic originated on the other party's network without charge to each other (also known as a Bill and Keep arrangement).

Network Control Signaling: The transmission signals used in the telecommunications network which performs functions such as supervision (control, status and charging signals), address signaling (e.g., dialing), calling and called number identification, audible tone signals (call progress signals indicating re-order or busy conditions, alerting, coin denominations, coin collect and coin return tones) to control the operation of switching machines in the telecommunications network.

#### Network Interconnection Services (NIS)

The term "Network Interconnection Services" (NIS) denotes the use of the network or facilities of the Company to enable a Local Exchange Carrier to terminate Local Traffic.

Node: Any Company or Customer location that is capable of performing Add/Drop Multiplexing. (T)

Nonrecurring Charge: A one-time charge associated with a specific item of equipment or service. This charge applies to installation and to subsequent modifications.

#### North American Numbering Plan

The term North American Numbering Plan denotes a three-digit area code (Numbering Plan Area - NPA) and a seven-digit telephone number made up of a three-digit Central Office prefix plus a four-digit station number.

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### 1.5 DEFINITIONS (Cont'd)

OC-n: Optical Carrier-n. A SONET optical signal transmitted at rates of  $n \times 51.840$  Mbps. OC-3 = 155.52 Mbps, OC-12 = 622 Mbps.

Off-hook

The term Off-hook denotes the active condition of a Local Exchange Service line.

On-hook

The term On-hook denotes the idle condition of a Local Exchange Service line.

Originating Direction

The term Originating Direction denotes the use of a service for the completion of calls from an End User Premises to a Customer Premises or Point of Interconnection.

Percent of Interstate Use (PIU)

The term Percent of Interstate Use (PIU) denotes the percent of interstate usage on lines or trunks carrying interstate and intrastate calls.

Person: A natural person, firm partnership, corporation, association, municipality, cooperative, organization, government agency, real estate trust, or other legal entity.

Point of Interconnection (POI)

The term Point of Interconnection (POI) denotes a place where the Company's and a Customer's networks physically connect for the purpose of exchanging (1) in the case of NIS, Local Traffic, and (2) in the case of Access Services, traffic originated by or terminating to End Users.

Point of Termination (POT)

Any entrance cable or drop wiring and wire or intra-building cable to that point where provision is made for termination of the Company's outside distribution network facilities at a suitable location at a Customer Premises. Such wiring or cable will be installed by the Company.

Port: A facility or equipment system or subsystem set aside for the sole use of a specific Customer.

Premises: The space occupied by a Customer or authorized user in a building or buildings or contiguous property (except railroad rights of way, etc.) not separated by a highway.

Recurring Charges: The monthly charges to the Customer for services, facilities and equipment, which continues for the agreed upon duration of the service.

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### 1.5 DEFINITIONS (Cont'd)

Registered Equipment: The term "Registered Equipment" as used in this tariff denotes equipment which complies with and has been approved within the registration provisions of Part 68 of the Federal Communications Commission's Rules and Regulation.

Service Order: The written request for Company services executed by the Customer and the Company in the format devised by the Company. The signing of a Service Order Form by the Customer and acceptance by the Company initiates the respective obligations of the parties as set forth therein and pursuant to this tariff. (T)

Serving Wire Center: A serving wire center denotes the wire center from which the Customer designated premises would normally obtain dial tone from the Company.

Shared: A facility or equipment system or subsystem which can be used simultaneously by several Customers.

Standard Network Interface: The point where Company network services or facilities terminate and the Company's responsibility for installing and maintaining such services or facilities ends.

Synchronous: A method of transmission in which information being transmitted over a line is controlled by a timing device.

Synchronous Optical Network (SONET): A set of international standards for fiber based transmission systems. SONET defines standard optical carrier transmission rates and utilizes a modular multiplexing signal approach based on the application of Synchronous Transport Signals.

Tariff: The rates, charges, rules and regulations adopted and filed by the Company with the New York Public Service Commission.

Termination: Permanent disconnection of telecommunications service.

Termination Charge: A charge applied under certain conditions when a contract for service is terminated by the Customer before the expiration of the minimum contract period.

#### Transmission Path

The Transmission Path denotes an electrical path capable of transmitting signals within the range of the service offering, e.g., a voice grade transmission path is capable of transmitting voice frequencies within the approximate range of 300 to 3000 Hz. A transmission path is comprised of physical or derived facilities consisting of any form or configuration of plant typically used in the telecommunications industry.

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### 1.5 DEFINITIONS (Cont'd)

Trunk: A circuit connecting two PBX systems for the purpose of intercommunicating between the stations connected with such PBX switching apparatus. The circuit is not intended to provide for general exchange service through either of the PBX systems with which it connects.

#### Trunk Group

The term Trunk Group denotes a set of trunks which are traffic engineered as a unit for the establishment of connections between switching systems in which all of the communications paths are interchangeable.

Type I Channels: Type I digital channels are provided where both endpoints of a channel are served by the Company's network. Type I Channels are offered at 44.736 Mbps, 6.312 Mbps, 1.544 Mbps, and DS0 levels.

Type II Channels: Type II digital channels are provided where at least one endpoint of a channel is served by the network of an entity with whom the Company's network is interconnected; such channels are provided via a combination of the Company's facilities and the facilities of the interconnected entity. Channels where both endpoints are served by an interconnected entity's network will be provided at the Company's sole discretion on an Individual Case Basis (ICB). Type II Channels are provided at 44.736 or 1.544 Mbps, as well as at DS0.

User: Any person who uses telecommunications service provided by a company under the jurisdiction of the New York Public Service Commission.

#### V and H Coordinates Method

The term V and H Coordinates Method denotes a method of computing airline miles between two points by utilizing an established formula which is based on the vertical and horizontal coordinates of the two points.

Voice Grade Facility: A communications path between two points comprised of any form or configuration of physical plant capable of and typically used in the telecommunications industry for transmission within the frequency bandwidth of approximately 300 to 3000 Hertz.

#### Wire Center

The term Wire Center denotes a building in which one or more central offices, or access tandems are located.

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## SECTION 1 – GENERAL INFORMATION

### 1.6 APPLICATION OF TARIFF

This Tariff contains regulations, rates and charges applicable to the provision of intrastate Access Services provided to Customers by TC SYSTEMS, INC., hereinafter referred to as the Company.

The provision of such services by the Company as set forth in this Tariff does not constitute a joint undertaking with the Customer for the furnishing of any service.

Each service is offered independent of the others unless otherwise noted. Service is offered via the Company's facilities or in combination with resold exchange services, intraLATA services or transmission facilities provided by other certificated carriers.

When services and facilities provided by the Company are used to obtain access to the regulated or unregulated services provided by another company or are used by another company as a part of the regulated or unregulated services offered by that Company, the regulations of the Company apply only to the use of the Company's services and facilities.

Unless the service description expressly provides otherwise, the services in this Tariff are only available to Carriers.

The locations served by the Company and the services available are as set forth in Section 2.8.

Access Services consist of the furnishing of Call Completion Services on both an InterLATA and IntraLATA basis.