

ISSUED: NOVEMBER 30, 2012

EFFECTIVE: JANUARY 1, 2013

CAROL PAULSEN, DIRECTOR

208 S AKARD ST., DALLAS, TX, 75202

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## PREFACE

TECHNICAL PUBLICATION INFORMATION

The issue and availability dates of the Technical Publications referenced in this Tariff are as follows:

<u>Publication Number</u>	<u>Issue Date</u>	<u>Date Available to Public</u>
AS No. 1, Issue II	May 1984	May 1984
GR-334-CORE	June 1994	June 1994

Publication AS No. 1, Issue II may be obtained from the National Exchange Carrier Association, Inc., Director, Tariff and Regulatory Matters, 100 So. Jefferson Road, Whippany, NJ 07981. Publication GR-334-CORE may be obtained from Bell Core, 8 Corporate Place, Piscataway, NJ 08854, and the FCC's commercial contractor.

CONCURRING CARRIERS, CONNECTING CARRIERS and OTHER PARTICIPATING CARRIERS

There are no Concurring, Connecting or Other Participating Carriers.

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PREFACE

DEFINITIONS (continued)

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

See End Office.

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.

Channelize

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

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.

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PREFACE

DEFINITIONS (continued)

Company

The term Company denotes Teleport Communications America, LLC., which is the issuer of this Tariff.

Customer(s)

The term Customer(s) denotes any individual, partnership, association, joint-stock company, trust, corporation, or governmental entity or other entity which subscribes to the services offered under this Tariff.

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.

DSL Facility

The term DSL 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.

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PREFACE

DEFINITIONS (continued)

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.

End Office

The term "End Office" denotes a Company switching system where Local Exchange Service customer station loops are terminated for purposes of interconnection to each other and 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.

Exchange

The term Exchange denotes a unit established by a Local Exchange Company for the administration of communications service in a specified area which usually embraces a city, town or village and its environs and approved by the Public Utilities Commission of Ohio. It consists of one or more central offices together with the associated facilities used in furnishing communications service within that area. The exchange includes any Extended Area Service area that is an enlargement of the Company's exchange area to include nearby exchanges.

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## 2. GENERAL REGULATIONS

### 2.4 PAYMENT ARRANGEMENTS AND CREDIT ALLOWANCES (continued)

#### 2.4.2 Payment of Rates, Charges and Deposits (continued)

##### D. Disputed Bill Procedures (continued)

4. Sufficient written documentation consists of the following information, where such information is relevant to the dispute:

##### (a) Dedicated Access

- (1) A clear explanation of the basis of the dispute, including what the Customer believes is incorrect (e.g., nonrecurring charge; mileage; circuit identification) and the reason why the Customer believes the bill is incorrect (e.g., monthly rate billed not same as in Tariff; facility not ordered; service not received)
- (2) The account number under which the bill was rendered
- (3) The date of the bill
- (4) The invoice number
- (5) The circuit number, line number, trunk group number, Two-Six Code (TSC), end office or tandem identification, or other appropriate facility identification
- (6) The exact dollar amount in dispute
- (7) The universal service order code(s)(USOCs) associated with the service
- (8) The Purchase Order Number(s) and dates involved for disputes involving order activity
- (9) Details sufficient to identify the specific amount(s) and item(s) in dispute
- (10) The name of the person responsible for the Customer's dispute
- (11) Additional data as the Company reasonably requests from the Customer to resolve the dispute. The request for such additional information shall not affect the Customer's dispute date as set forth preceding.

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### 3. DEDICATED ACCESS SERVICES\*

Dedicated Access Services consists of the services offered pursuant to this section, either individually or in combination. Each service is offered independent of the others. Service is offered via the Company's facilities for the transmission of one-way and two-way communications, unless otherwise noted.

Rates for Dedicated Access Services are divided into three zones, as follows:

Zone 1 - Akron, Albany, Alexandria, Alger, Alliance, Amanda, Amesville, Amherst, Amsterdam, Andover, Anna, Antwerp, Apple Creek, Arabia, Arcadia, Archbold, Arlington, Arthur, Ashland, Ashley, Ashtabula, Attica, Atwater, Aurora, Austinburg, Avon, Avon Lake, Ayersville, Batavia, Beallsville, Beaver, Bedford, Berea, Bethel, Big Prairie, Bluffton, Brecksville, Bristolville, Buckland, Bucyrus, HiTerrace, Youngstown.

Zone 2 - Alton, Athens, Avondale, Bainbridge, Baltic, Baltimore, Barnesville, Bartlett, Bascom, Beaver Creek, Beaverdam, Belfast, Bellaire, Bellbrook, Belle Center, Bellefontaine, BeUevue, Bellville, Belmont, Belmore, Belpre, Benton Ridge, Bergholz, Berlin, Berlin Center, Berlin Heights, Bethesda, Bettsville, Beverly, Birmingham, Blanchester, Bloomdale, Bloomington, Bloomingsburg, Bloomingville, Bloomville, Bolivar, Botkins, Bourneville, Bowerston, Bowersville, Bowling Green, Bradford, Bremen, Brilliant, Brookville, Brunswick, Bryan, Burbank, Burlington, Burton, Butler, Butlerville, Byesville, Byhalia, Cadiz, Cairo, Caldwell, Caledonia, Cambridge, Camden, Canal, Canfield, Canton, Cardington, Carey, Carroll, Carrollton, Castalia, Catawba, Caledonia, Cedarville, Celina, Centerburg, Centerville, Chardon, Chatham, Cherry Grove, Chesapeake, Chatfield, Cheshire Center, Cheshire Galla, Chester, Chesterfield, Chesterhill, Chesterville, Cheviot, Chillicothe, Christiansburg, Cincinnati, Circleville, Clarington, Clarksburg, Clarksville, Cleveland, Cloverdale, Clyde, Coldwater, Colebrook, Columbiana, Columbia Station, Columbus, Columbus Grove, Conesville, Congress, Conneaut, Continental, Convoy, Coolville, Cooney, Cooperdale, Corning, Cortland, Coshocton, Covdale, Covington, Crescentville, Crestline, Creston, Cridersville, Crooksville, Croton, Cumberland, Curtis, Cygnet,

\* Effective August 15, 2008, all services residing in this section will no longer be available under this tariff. Customers may maintain their existing Service arrangements until their current contract term expires. At the end of the Customer's current contract term, Customers may continue to maintain their existing Service arrangements on a month-to-month basis until terminated by either party upon 30 days written notice. After August 15, 2008, no new term plan renewals will be permitted, and no moves, adds or changes (including reconfigurations) to an existing Service arrangement will be permitted for Customers whose Service arrangements are on a month-to-month basis.

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## 3. DEDICATED ACCESS SERVICES

Zone 2 (continued)

Dalton, Danville, Damascus, Dayton, Decatur, Defiance, De Graff, Delaware, DeUroy, Delphos, Delta, Deshler, Dexter City, Dillonvale, Donnelsville, Dorset, Doylestown, Dresden, Dublin, Duffy, Dunkirk, East Claridon, East Destine, East Liberty, East Liverpool, East Rochester, Eaton, Edgerton, Edon, Eldorado, Elmore, Elyria, Enon, Englewood, Evandale, Evansport, Fairborn, Fairfield, Fairview, Farmersville, Fayette, Fayetteville, Felicity, Findlay, Fletcher, Florida, Flushing, Forest, Fort Jennings, Fort Loramie, Fort Recovery, Fostoria, Frankfort, Franklin, Frazeyburg, Fredricksburg, Fredricktown, Freeport, Fremont, Fultonham, Gahanna, Gallipolis, Gambier, Garrettsville, Galion, Gates Mills, Geneva, Genoa, Georgetown, Gerald, Germantown, Gettysburg, Gibsonburg, Gilboa, Girard, Glade, Glandorf, Glendale, Glenmont, Glouster, Gnadenhutten, Gomer, Goshen, Grafton, Grand Rapids, Granville, Gratiot, Gratis, Graysville, Green Camp, Greene, Greenfield, Greensburg, Green Springs, Greenville, Greenwich, Grelton, Groesbeck, Grove City, Groveport, Grover Hill, Guyan, Guysville, Hallsville, Hamerville, Hamilton, Hamler, Hamlet, Hanoverton, Harlem Springs, Harpster, Harrisburg, Harrison, Hartford, Hartville, Hartwell, Haskins, Hayesville, Heath, Hebron, Helena, Hicksville, Higginsport, Hilhard, Hillcrest, Hillsboro, Hinckley, Hiram, Holgate, Holland, Hollansburg, Hohnesville, Homerville, Hopedale, Hubbard, Hudson, Huntsburg, Huntsville, Huron, Hyde Irk, Idaho, Independence, Indora, Inesville, Irkman, Iris, Ironton, Itaskala, Ittersonville, Iulding, Iyne, Jackson, Jackson Center, Kirtland, Jamestown, Jefferson, Jeffersonville, Jenera, Jewell, Jewett, Johnsonville, Johnston, Johnstown, City, Kalida, Kelly's Island, Kent, Kenton, Kidron, Kilbourne, Killbuck, Kingsville, Kingston, Kinsman, Junction, Knoxville, Lafayette, LaGrange, Lake Milton, Lancaster, Larue, Laura, Laurelville, Lebanon, Leesburg, Leetonia, Leipsic, Leroy, Lockbourne, Lodi, Logan, London, Londonderry, Lorain, Loudonville, Louisville, Loveland, Lowell, Lowellville, Lower Salem, Lucas, Lucasville, Luckey, Lykens, Lynchburg, Lyons, Madison, Madisonville, Magnolia, Malvern, Manchester, Manchester, Mansfield, Mantua, Marblehead, Marengo, Marietta, Marion, Marlboro, Marne, Marshall, Marshallville, Martinsburg, Martin's Ferry, Martinsville, Marysville, Massieville, Massillon, Mason, Maumee, McArthur, McComb, McClure, McConnelville, McCutchenville, Mechanicsburg, Mechanicstown, Medina, Medway, Melmore, Mendon, Mentor, Mesopotamia, Metamora, Miami, Miamisburg, Middlefield, Middle Point, Middletown, Milan, Milford, Milford Center, Milledgeville, Miller City, Millersburg, Millersport, Mineral City, Minerva, Minford, Mingo Junction, Minster, Mogadore, Moline, Monroe, Monroeville, Montpelier, Montrose, Montville, Morning Sun, Montgomery, Morral, Morning Sun, Morristown, Morrow, Mowrystown, Mount Blanchard, Mount Cory, Mount Gilead, Mount Healthy, Mount Grab, Mount Sterling, Mount Vernon, Mount Victory, Mount Washington, Nashville, Navarre, Neapolis, Nelsonville, Nevada, New Albany, New Boston, New Burlington, Newbury, New Carlisle, New Comerstown, New Concord, New Lexington, New Holland, New Iris, New Lebanon, New Lyme, New Madison,



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### 3. DEDICATED ACCESS SERVICES

#### Zone 2 (continued)

New Marshfield, New Matamoras, Newport, Newark, New Bavaria, New Bremen, New Knoxville, New London, New Philadelphia, New Riclunond, New Riegel, Newton Falls, Newtonsville, New Vienna, New Washington, New Waterford, New Winchester, Ney, North Baltimore, North Benton, North Canton, North Creek, North Fairfield, Northfield, North Georgetown, North Greenhills, North Jackson, North Lima, North Lewisburg, North Ridgeville, North Royalton, Northside, North Star, Norwalk, Norwich, Norwood, Nova, Oak Harbor, Oak Hill, Oakwood, Oberlin, Ohio City, Okolona, Old Fort, Old Washington, Olmsted Falls, Orrville, Orwell, Ostrander, Ottawa, Ottoville, Otway, Oxford, Peebles, Pemberville, Peninsula, Pennsville, Perry, Perrysburg, Perrysville, Phillipsburg, Philo, Pierpont, Piketon, Pioneer, Piqua, Pitchin, Plain City, Pleasant Hill, Pleasantville, Plumwood, Pomeroy, Portage, Port Clinton, Plymouth, Polk, Portland, Portsmouth, Powhatan Point, Port William, Price Hill, Proctorville, Prospect, Put-In-Bay, Quaker City, Racine, Radnor, Rainsboro, Rathbone, Ravenna, Rawson, Raymond, Redhaw, Reedsville, Reily, Reinersville, Republic, Reynoldsburg, Richfield, Richfield Center, Richmond, Richmondale, Richwood, Ridgeville, Comers, Ridgeway, Rio Grande, Ripley, Rising Sun, Rittman, Rock Creek, Rockford, Rogers, Rootstown, Roseville, Rosewood, Rossburg, Rossmoyne, Rushsylvania, Rushville, Russel, Russelville, Russel's Point, Rutland, Sabina, Saint Bernard, Saint Clairsville, Saint Iris, Saint Louisville, Saint Mary's, Salem, Salineville, Sandusky, Sardinia, Savannah, Sayler Irk, Seaman, Seven Mile, Swanton, Scio, Sciotoville, Scott, Sebring, Sedalia, Seville, Shandon, Sharon, Sharon Center, Shawnee, Sheffield Lake, Shelby, Sherwood, Shiloh, Shreve, Sidney, Sinking Spring, Smithfield, Smithville, Somerset, South Charleston, South Lebanon, South Solon, South Vienna, South Webster, Spencer, Spencerville, Springfield, Spring Valley, Steubenville, Stockport, Stony Ridge, Stratsburg, Sterling, Strongsville, Stryker, Sugar Creek, Sugar Grove, Sugar Tree Ridge, Summerfield, Sycamore, Sylvania, Terre Haute, The Plains, Thompson, Thornville, Tiffin, Tiltonsville, Tipp City, Tobasco, Toledo, Toronto, Tremont, Trenton, Trinity, Troy, Trotwood, Trumbull, Twinsburg, Uhrichsville, Uniontown, Upper Sandusky, Urbana, Utica, Valley City, Van Buren, Vandalia, Vanlue, Van Wert, Vaughnsville, Venedocia, Vermillion, Versailles, Victory, Vinton, Wabash, Wadsworth, Wakeman, Waikoneta, Waldo, Walnut, Warren, Warsaw, Washington Court House, Watertown, Waterville, Wauseon, Waverly, Wayland, Wayne, Waynesfield, Waynesville, Wellington, Wellston, Wellsville, West Alexandria, West Chester, Westerville, West Jefferson, West Lafayette, West Manchester, West Manfield, West Milton, Westminster, West Portsmouth, West Salem, Weston, Westwood, West Union, West Unity, Wharton, Wheelersburg, Whitehouse, Wilkesville, Willard, Williamsburg, Williamsport, Willoughby, Wilmington, Wihmont, Winchester, Windham, Windsor, Winona, Woodsfield, Woodstock, Woodville, Worthington, Wooster, Xenia, Yellow Springs, York Center, Yorkshire, Zanesville.

#### Zone 3

Aberdeen, Ada, Adamsville, Adario, Adena.

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### 3. DEDICATED ACCESS SERVICES

#### 3.1 Services Offered

The following dedicated access services are offered in this tariff:

DSO Service (up to 64 kbps)  
DS3 Service (44.7 Mbps)  
DSI Service (1.5 Mbps)

Other services may be provided by the Company on an Individual Case Basis (ICB).

#### 3.2 Basic and Mixed Vendor Services

DS3 Service and DSI Service may be provided as either Basic or Mixed Vendor Services, depending upon the availability of facilities. Basic Service rates apply when both endpoints of the channel are served by the Company's network. Mixed Vendor Service rates apply when one endpoint of the transmission channel is served by a local exchange carrier's network (Mixed Vendor Services are provided via a combination of the Company's facilities and local exchange carrier facilities).

DS3 and DSI channels where both endpoints are served by a local exchange carrier's network will be provided at the sole discretion of the Company, on an Individual Case Basis (ICB).

#### 3.3 DS3 SERVICE (44.736 Mbps)

DS3 Service is composed of digital channels provided at 44.736 Mbps for the transmission of one-way and two-way communications. Interconnections to such channels and equipment interfacing to such channels shall meet the following technical characteristics:

Line Rate: 44.736 Mbps +/-20 ppm  
Line Code: Bipolar with three-zero substitution  
Test Load: 75 ohms resistive +/-5 percent

Power Levels: For an all-ones transmitted pattern, the power in a 2 KHz band about 22.368 KHz shall be -1.8 to +5.7 dBm and the power in a 2 KHz band about 44.736 MHz shall be at least 20 dB below that in a 2 KHz band about 22.368 KHz. <sup>1</sup>

#### NOTES:

1. The power levels specified by CCITT Recommendation G.703 are identical except that the power is to be measured in 3 KHz bands.

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### 3. DEDICATED ACCESS SERVICES

#### 3.3 DS3 SERVICE (44 736 Mbps) (continued)

Digital channels at 44.736 Mbps will be provided in one of the following configurations, as specified by the customer:

Clear Channel DS3: A DS3 signal that is transmitted intact and transparently as provided at the customer interface. No performance monitoring is performed, since all 44.736 Mbps are considered customer data or voice.

M13 Framed DS3: A DS3 that is channelized into 28 DS1 (1.544 Mbps) signals and include a predefined standard multiplexing scheme as defined in ANSI T1.107a. The M13 DS3 contains parity bits which can be monitored to offer an approximate measure of performance. 43.232 Mbps is customer data (or voice), the remainder being used for framing, synchronization, parity, etc.

C-bit Parity Framed DS3: A DS3 that can be used for subrated or non-subrated DS3 signals. This allows DS3 signal monitoring for end-to-end performance measurement on an in-service basis, transmitted on the maintenance data communications channel. The C-bit parity format is defined in ANSI T1.107a. 43.232 Mbps is customer data (or voice), the remainder being used for framing, synchronization, parity, etc.

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### 3. DEDICATED ACCESS SERVICES

#### 3.4 DS1 Service (1.544 Mbps)

DS1 Service is composed of digital channels provided at 1.544 Mbps for the transmission of one-way and two-way communications. Interconnections to such channels and equipment interfacing to such channels shall meet the following technical characteristics:

Line Rate: 1.544 Mbps  $\pm$  130 ppm  
Line Code: AMI: bipolar with at least 12.5% average ones density and no more than 15 consecutive zeros;

-- or --

B8ZS: no minimum density of ones and no consecutive zeros limit.

Test Load: 100 ohms resistance.

Pulse Shape: The pulse amplitude shall be between 2.4 and 3.6 volts.

Power Levels: For an all-ones transmitted pattern, the power in a 2 KHz band about 772 KHz shall be 12.4-18.0 dBm and the power in a 2 KHz band about 1544 MHz shall be at least 29 dB below that in a 2 KHz band about 771 KHz.<sup>1</sup>

Pulse Imbalance: There shall be less than 0.5 dB difference between the total power of the positive pulses and the negative pulses.

#### NOTES:

1. The CCITT specification is  $\pm$  50 ppm.
2. Recommended for new equipment: The power in a 2 KHz band about 772 KHz shall be 12.6-17.9 dBm. CCITT requirements: The power in a 3 KHz band about 772 KHz is 12.0-19.0 dBm.
3. CCITT requirements: The power in a 3 KHz band about 1544 KHz shall be at least 25 dB below that in a 3 KHz band about 772 KHz.

Digital channels at 1.544 Mbps will be provided in one of the following configurations, as specified by the customer:

Unframed DS1: A DS1 signal that does not follow standard framing formats of 192 bits for data and a 193 Rd bit for framing. An unframed DS1 cannot be synchronized to the network and is not performance monitored.

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### 3. DEDICATED ACCESS SERVICES

#### 3.4 DS1 Service (1.544 Mbps) (continued)

D4/SF DS1: A framed DS1 consisting of 12 frames (2316 bits) of 192 bits preceded by one framing bit (F bit). This service can be coded as AMI or B8ZS.

ESF DS1: Extends superframe structure from 12 to 24 frames (4632 bits) and redefines the 8 kbps pattern into 2 kbps for mainframe and robbed-bit signaling synchronization, 2 kbps for CRC-6 and 4 kbps for terminal-to-terminal data link. This service can be coded as AMI or B8ZS.

##### 3.4.1 Fanout DS1 Service

Fanout DS1 Service allows a customer to aggregate up to 28 DS1 channels that terminate in the same location into a single DS3 Local Distribution Channel.

#### 3.5 DS0 Service

DS0 Services are Digital Channels furnished by the Company at transmission speeds of 2.4 kbps, 4.8 kbps, 9.6 kbps, 19.2 kbps, 56 kbps, 64 kbps, or in multiples of 56 kbps or 64 kbps up to 1.544 Mbps. Such channels will be configured by the Company to transmit digital data at specified data rates or analog signals converted to digital signals, as described below. Interconnections to such channels and equipment interfacing to such channels shall meet the technical characteristics described below in connection with each service configuration. The NCI Codes referenced below are defined in Bell Communications Research (Telecordia) publication TR-NPL-000335.

Each DS0 channel will be provided in one of the following configurations, as specified by the customer.

##### 3.5.1 Effective 2-Wire Service

Provides a digital transmission channel capable of normally carrying, among other information, the digitized representation of human speech. At the Company's point of interconnection with the User, the service will have the technical characteristics of a standard 2-wire analog telephone circuit. Specific configurations are as follows:

###### A. Private Line Manual Ringdown

2-wire, 600 ohm or 900 ohm, Loop Start with industry standard demarcation (NCI Code: 02AC2, 02AC3). Provides a circuit connecting two specific locations, where signaling (i.e., ringing current) is provided externally by the customer. A transmission can be originated from either end. Ringing at 20 Hz will be at industry-standard voltage and current.

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### 3. DEDICATED ACCESS SERVICES

#### 3.5 DS0 Service (continued)

##### 3.5.1 Effective 2-Wire Service (continued)

###### B. Private Line Automatic Ringdown (PLAR)

2-wire, 600 ohm, Loop Start with industry standard demarcation (NCI Code: 02LR2). Provides a circuit connecting two specific locations, where signaling (ringing) is automatically generated by the Company upon offhook (transmission origination). Either end can originate the transmission. Ringing at 20 Hz will be at industry-standard voltage and current.

###### C. OPX/Tie Line/FX/Tie Trunk Private Lines

(OPX)- 2-wire, 600 ohm or 900 ohm, Loop Start, Ground Start, or E+M, with industry standard demarcation (Pose NCI Codes: 02LS2, 02LS3, 02GS2, 02GS3, 02LO2, 02GO2, 04EA2-M, 04EA2-E, 06EB2-M, 06EB2-E). The circuit will be transparent to OPX signaling (e.g., DP or MF dialing, ringing).

###### D. 2-Wire Transmission Only

2-wire, 600 ohm, open loop (continuously connected) with industry standard demarcation (NCI Code: 02NO2). C4 conditioned circuit connecting two locations, typically used for voice-grade data services.

##### 3.5.2 Effective 4-Wire Service

Provides a digital transmission channel capable of normally carrying, among other information, the digitized representation of human speech and duplex transmission of data converted to analog signals. At the Company's point of interconnection with the User, the service will have the technical characteristics of a standard 4-wire data-conditioned telephone circuit. Specific configurations are as follows:

###### A. 4-wire Transmission Only

4-wire, 600 ohm, open loop (continuously connected), with industry standard demarcation. C4/D1 conditioned circuit, with separate transmit and receive wire pairs. (NCI Codes: 04N02, 04DA2.)

###### B. 4-Wire Tie Line/Tie Trunk Private Lines

4-wire talk path, 600 ohm, with industry standard demarcation. Additional leads for signaling, supporting Type I, II, and III E+M or reverse E+M. (Possible NCI Codes: 06EA2-M, 06EA2-E, 08EB2-M, 08EB2-E, and 08EC2.)

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### 3. DEDICATED ACCESS SERVICES

#### 3.5 DS0 Service (continued)

##### 3.5.3 Digital Services

Provides a digital transmission channel capable of normally carrying synchronous digital data signals. The following service configurations are available:

###### A. Low Speed Data Service

A 4-wire 135 ohm handoff. Other possible handoffs are RS232/DB25. Provides a point-to-point, DDS-compatible full-duplex synchronous circuit operating at 2.4 Kbps, 4.8 Kbps, 9.6, or 19.2 Kbps, with error correction. Supports all DDS control codes. Secondary channel is supported. (Possible NCI Codes: 04DU5-24, 04DU5-48, 04DU5-96, 04DU5-19).

###### B. 56 Kbps Data Service

A 4-wire 135 ohm handoff. Other possible handoffs are RS232/DB25, RS422/DB25, or V.35. Provides a point-to-point, DDS-compatible full-duplex synchronous circuit operating at 56 Kbps. No error correction is provided. Supports all DDS control codes. Optional secondary channel is supported. (Possible NCI Code: 04DU5-56).

###### C. 64 Kbps Data Service

A 4-wire 135 ohm handoff. Other possible handoffs are RS232/DB25, RS422/DB25, or V.35. Provides point-to-point, 64 Kbps clear channel for a full-duplex synchronous data circuit. No error correction or in-band control codes are supported. (Possible NCI Code: 04DU5-64).

###### D. Fractional DS1

RS422/DB25 or V.35 handoff. Provides a point-to-point channel at any speed between 56 Kbps and 1.544 Mbps for full-duplex synchronous data transmission, provided that the speed is a multiple of 56 or 64 Kbps. (NCI Code format: 04DU5-\_\_\_\_).

##### 3.5.4 Fanout DS0 Service

Fanout DS0 Service allows a customer to aggregate up to 24 DS0 channels that terminate in the same location into a single DS1Local Distribution Channel.

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### 3. DEDICATED ACCESS SERVICES

#### 3.6 Rates for Dedicated Access Services

##### 3.6.1 General

Non-recurring and monthly recurring rates apply for each Digital Transmission Service furnished by the Company. Monthly recurring rates vary according to the time period for which the customer commits to take the service. Unless otherwise noted, three standard rate elements are used in calculating the monthly recurring rate for each service:

- Local Distribution Channel (LDC): This rate element applies to each end-point of a digital channel provided to a customer.
- Interoffice Channel Mileage-Fixed: This rate element applies per digital channel whenever there is mileage associated with the channel; a digital channel has mileage associated with it when the endpoints of the channel are located in geographic areas normally served out of separate local exchange carrier ("LEC") end offices. This rate element applies per circuit endpoint.
- Channel Mileage-Per Mile: This rate element applies whenever there is mileage associated with the digital channel. The unit rate is multiplied by the number of miles (Interoffice Mileage) between the two LEC end offices serving the geographic areas in which the endpoints of the channel are located. Interoffice Mileage is determined according to the V&H coordinates method set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4. Fractions of a mile are rounded up to the next whole mile before rates are applied.



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### 3. DEDICATED ACCESS SERVICES

#### 3.6 Rates for Dedicated Access Services (continued)

##### 3.6.2 Basic and Mixed Vendor Services

DS3 Service and DS1 Service may be provided as either Basic or Mixed Vendor Services, depending upon the availability of facilities. Basic Service rates apply when both endpoints of the channel are served by the Company's network. Mixed Vendor Service rates apply when one endpoint of the transmission channel is served by a local exchange carrier's network (Mixed Vendor Services are provided via a combination of the Company's facilities and local exchange carrier facilities).

DS3 and DS1 channels where both endpoints are served by a local exchange carrier's network will be provided at the sole discretion of the Company, on an Individual Case Basis (ICB).

##### 3.6.3 DS3 Service (44.736 Mbps)

###### A. Basic DS3 Service

This service consists of a DS3 (44.736 Mbps) capacity digital channel available on a 24 hour per day, 7 day per week basis between two points. There is a 1-year minimum service period for each Basic DS3.

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3. DEDICATED ACCESS SERVICES

3.6 Rates for Dedicated Access Services (continued)

3.6.5 Hubbed DS1 Service

This service consists of up to 28 DS1 (1.544 Mbps) digital channels, which are aggregated at a Company Node onto a standard DS3 circuit with Interoffice Mileage and a Local Distribution Channel at the terminating end. There is a minimum 1-year service period for each Hubbed DS1 Service.

Hubbed DS1's consist of 3 rate elements:

- A. DS1 Local Distribution Channels - Rated as a standard DS1 Local Distribution Channel.
- B. Central Office Multiplexing - Aggregates the 28 DS1's onto DS3 interoffice facilities.
- C. DS3 Interoffice Mileage/Local Distribution Channel - Rated as standard DS3 Circuit

Hubbed DS1 Service Rates

See Current Rates for current rates.

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### 3. DEDICATED ACCESS SERVICES

#### 3.6 Rates for Dedicated Access Services (continued)

##### 3.6.7 Hubbed DS0 Service

This service consists of up to 24 DS0 digital channels, which are aggregated at a Company Node onto a standard DS1 circuit with Interoffice Mileage and a Local Distribution Channel at the terminating end. There is a minimum 90 day service period for each Hubbed DS1 Service.

Hubbed DS0's consist of 3 rate elements:

1. DS0 Local Distribution Channels - Rated as a standard DS0 Local Distribution Channel.
2. Central Office Multiplexing - Aggregates the 24 DS0's onto DS1 interoffice facilities.
3. DS1 Interoffice Mileage/Local Distribution Channel - Rated as standard DS1 Circuit

#### 3.7 Non-Standard Offerings

##### 3.7.1 Special Arrangements

Where the Company furnishes a facility or service for which a rate or charge is not specified in the Company's Tariffs, charges based on cost will apply.

#### 3.8 Individual Case Basis (ICB) Arrangements

For special situations, rates for Dedicated Access Services will be determined on an Individual Case Basis (ICB) and specified by contract between the Company and the Customer, subject to the filing and approval by the Commission.

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## 3. DEDICATED ACCESS SERVICE

3.6 Rates for Dedicated Access Services3.6.3 DS3 Service (44.736 Mbps)A. Basic DS3 Service

This service consists of a DS3 (44.736 Mbps) capacity digital channel available on a 24 hour per day, 7 day per week basis between two points. There is a 1-year minimum service period for each Basic DS3.

1. Local Distribution Channel: This rate element applies to each end-point of a transmission channel.

	<u>1 Year</u>	<u>3 Year</u>	<u>5 Year</u>
Non-Recurring	\$1,110	\$476	\$46
Recurring (per month)			
<u>Basic Service</u>	<u>Zone 1</u>	<u>Zone 2</u>	<u>Zone 3</u>
1 year	\$2,285	\$2,349	\$2,498
3 years	\$1,161	\$1,204	\$1,234
5 years	\$933	\$965	\$988

2. Interoffice Channel Mileage-Fixed:

Recurring (per month)

<u>Basic Service</u>	<u>Zone 1</u>	<u>Zone 2</u>	<u>Zone 3</u>
1 year	\$310	\$310	\$310
3 years	\$277	\$277	\$277
5 years	\$261	\$261	\$261

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CURRENT RATES3.6 Rates for Dedicated Access Services (continued)3.6.3 DS3 Service (44.736 Mbps)A. Basic DS3 Service3. Interoffice Channel Mileage-Per Mile:

Recurring (per month per mile)

<u>Basic Service</u>	<u>Zone 1</u>	<u>Zone 2</u>	<u>Zone 3</u>
1 year	\$96	\$96	\$96
3 years	\$67	\$67	\$77
5 years	\$38	\$38	\$59

4. Volume Discounts - Basic Service - Local Distribution Channel (Per End):

Zones are specified in Section 3, Pages 1 through Page 3.

<u># of DS3s</u>		<u>1 Year</u>	<u>3 Year</u>	<u>5 Year</u>
2	Zone 1	\$1,619	\$1,135	\$913
	Zone 2	\$1,660	\$1,174	\$944
	Zone 3	\$1,758	\$1,203	\$965
3	Zone 1	\$1,508	\$1,097	\$884
	Zone 2	\$1,546	\$1,135	\$913
	Zone 3	\$1,634	\$1,161	\$933
4-6	Zone 1	\$1,390	\$1,078	\$828
	Zone 2	\$1,424	\$1,102	\$842
	Zone 3	\$1,503	\$1,157	\$879
7-12	Zone 1	\$1,168	\$884	\$710
	Zone 2	\$1,195	\$901	\$722
	Zone 3	\$1,257	\$941	\$748
13-24	Zone 1	\$977	\$735	\$631
	Zone 2	\$998	\$746	\$639
	Zone 3	\$1,045	\$775	\$660

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## 3. DEDICATED ACCESS SERVICE

3.6 Rates for Dedicated Access Services (continued)3.6.4 Basic DS1 Service (1.544 Mbps)A. Local Distribution Channel:

Non Recurring \$270.00

Recurring (per month)

<u>Basic Service</u>	<u>Zone 1</u>	<u>Zone 2</u>	<u>Zone 3</u>
1 year	\$163	\$169	\$181
3 years	\$119	\$123	\$132
5 years	\$107	\$111	\$119

B. Interoffice Channel Mileage-Fixed:

Recurring (per month)

<u>Basic Service</u>	<u>Zone 1</u>	<u>Zone 2</u>	<u>Zone 3</u>
1 year	\$62	\$62	\$62
3 years	\$36	\$36	\$45
5 years	\$24	\$24	\$41

C. Interoffice Channel Mileage-Per Mile:

Recurring (per month per mile)

<u>Basic Service</u>	<u>Zone 1</u>	<u>Zone 2</u>	<u>Zone 3</u>
1 year	\$22	\$22	\$22
3 years	\$15	\$15	\$15
5 years	\$13	\$13	\$13

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## 3. DEDICATED ACCESS SERVICE

3.6 Rates for Dedicated Access Services (continued)3.6.5 Hubbed DS1 Service

Rated as DS1 Local Distribution Channel

Monthly Recurring

<u>Non-Recurring</u>	<u>1 Year</u>	<u>3 Year</u>	<u>5 Year</u>
\$0.01*	\$559	\$501	\$471

Rated as standard DS3 Circuit

Monthly Recurring

<u>Service Configuration</u>	<u>Non-Recurring</u>	<u>1 Year</u>	<u>3 Year</u>	<u>5 Year</u>
DS1 Fanout	\$270 (Zone 1)			
Channel	(Zone 2)	\$163	\$119	\$107
	(Zone 3)	\$169	\$123	\$111
		\$181	\$132	\$119
DS3 Channel	\$0.01* (Zone 1)			
Between Client	(Zone 2)	\$2,285	\$1,161	\$933
Location/TC Node	(Zone 3)	\$2,349	\$1,204	\$965
		\$2,498	\$1,234	\$988
Optional DS3/1	\$900	\$559	\$501	\$471
Mux @ Client				
Location				

\* Rate currently waived.

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## 3. DEDICATED ACCESS SERVICE

3.6 Rates for Dedicated Access Services (continued)3.6.6. DS0 ServiceA. Local Distribution Channel1. Non-Recurring Charges

2 Wire Voice Grade	\$325.00
4 Wire Voice Grade	\$325.00
2.4 to < 56 Kbps	\$400.00
56 or 64 Kbps	\$400.00
56 or 64 Kbps x N	\$250 x N 2/ \$3,000 Max

2. Monthly Charges

2 Wire Voice Grade	\$23.00
4 Wire Voice Grade	\$40.00
2.4 to < 56 Kbps	\$75.00
56 or 64 Kbps	\$75.00
56 or 64 Kbps x N	\$75.00

B. Interoffice Mileage

	<u>Fixed</u>	<u>Per Mile</u>
2 Wire Voice Grade	\$13.00	\$1.00
4 Wire Voice Grade	\$13.00	\$1.00
2.4 to < 56 Kbps	\$13.00	\$1.00
56 or 64 Kbps	\$13.00	\$1.00
56 or 64 Kbps x N	\$13.00	\$1.00

3.6.7 Hubbed DS0 Service

<u>Standard Rate Elements</u>	<u>Non-Recurring</u>	<u>1 Year</u>	<u>Monthly Recurring</u> <u>3 Year</u>	<u>5 Year</u>
DS1 Service	- - - Standard DS1 Rate Schedule	- - -	- - -	- - -
DS1/0 MUX @ TC Node	\$0	\$330	\$247	\$232
DS0 Fanout Channel	- - - Standard DS1 Rate Schedule	- - -	- - -	- - -



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3. DEDICATED ACCESS SERVICE

3.7 Non-Standard Offerings

3.7.1 Special Arrangements

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