TCG Ohio

Schedule of Rates, Charges, and Regulations Governing Regulated

ACCESS AND INTERCONNECTION SERVICES

Applying to the Intrastate Regulated Services in the Following

Counties: Adams, Allen, Ashland, Athens, Auglaize, Belmont, Brown, Butler,
Carroll, Champaign, Clark, Clermont, Clinton, Columbiana, Coshocton,
Crawford, Cuyahoga, Darke, Defiance, Delaware, Erie, Fairfield, Fayette,
Franklin, Fulton, Gallia, Geauga, Greene, Guernsey, Hamilton, Hancock,
Hardin, Harrison, Henry, Highland, Hocking, Holmes, Huron, Jackson,
Jefferson, Lake, Lawrence, Licking, Lorain, Lucas, Madison, Mahoning,
Marion, Medina, Meigs, Mercer, Miami, Monroe, Montgomery, Morgan, Morrow,
Muskingum, Noble, Ottawa, Paulding, Perry, Pickaway, Pike, Portage, Preble,
Roichland, Ross, Sandusky, Scioto, Seneca, Shelby, Stark, Summit, Trumbull,
Tuscarawas, Union, Van Wert, Vinton, Warren, Washington, Wayne, Williams,
Wood and Wyandot Service Areas Within the State of Ohio.

(C)

Issued: January 11, 2001 Effective: February 11, 2001

Tariff P.U.C.O. No. 3

Cancels Eighth Revised Page 2

CHECK SHEET

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Issued: November 20, 2002 Effective: December 21, 2002

EXPLANATION OF SYMBOLS

The following symbols shall be used in this tariff for the purposes indicated below.

- (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 wording of text but not change in rate, rule or condition.

SECTION 1 DEFINITION OF TERMS

<u>Connecting Arrangement:</u> This 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.

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

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

<u>Individual Case Basis</u>: A service arrangement in which the regulations, rates and charges are developed based on the specific circumstances of the case.

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

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.

<u>Network Control Signaling Unit</u>: The terminal equipment furnished the customer for the provision of network control signaling.

 $\underline{\text{Node}}$: Any TCG or Customer location that is capable of performing Add/Drop Multiplexing.

SECTION 1 DEFINITION OF TERMS

 $\underline{\text{Signaling Point}}$: The term "Signaling Point" denotes a switch that is capable of supporting SS7 signaling.

<u>Signaling Point of Interconnection</u>: The term "Signaling Point of Interconnection: denotes the customer designated location, in the same LATA as the Company STP, where SS7 signaling information is exchanged between TCG and the customer.

<u>Signaling Transfer Point</u>: The term "Signaling Transfer Point" denotes a signaling point which routes and/or transfers signaling messages through the common channel signaling network.

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

SECTION 2 - RULES AND REGULATIONS

2.1 Description of Service

TCG Ohio Service consists of any of the services offered pursuant to this tariff, either individually or in combination. Each service is offered independent of the others, unless otherwise noted. Service is offered via the Company's facilities in combination with transmission facilities provided by other certificated carriers.

2.2 Application for Service

Customers desiring to obtain TCG Service must complete the Company's standard service order form(s).

2.3 Billing and Collection of Charges

At such time as the Company completes installation or connection of the necessary facilities and/or equipment to provide service, the Company shall conduct appropriate tests thereon. Upon successful completion of such tests, the Company shall notify the Customer that such services are available for use, and the date of such notice shall be called the "Service Date" and shall be the starting date for billing.

Customer shall pay the amount(s) as specified in the tariff for the Services. Nonrecurring charges, including construction, are due in advance. Fixed recurring charges shall be billed in advance after the Service date is determined and will be due no later than thirty (30) days after the date of the invoice. Variable recurring charges and other charges shall be billed as incurred, and will be due no later than thirty (30) days after the date of the invoice. Any amount not received within the thirty (30) day period will be subject to the Company's standard late charge of 1.5% per month, or, if lower, the legal limit applicable to such charges. Customer agrees to review each invoice promptly and to notify the Company of any discrepancies within 45 days of receipt of each invoice. In the event that the Company's computerized usage recording system fails or is otherwise unavailable for all or part of any billing period, the Company shall be entitled to make a reasonable estimate of the Customer's usage of Services in the period in question for billing purposes.

When service does not begin on the first day of the month, or end on the last day of the month, the charge for the fraction of the month service was furnished will be calculated on a pro rata basis. For this purpose, every month is considered to have thirty (30) days.

Company shall be entitled to make a reasonable estimate of the Customer's usage of Services in the period in question for billing purposes.

2.4 Service Connections and Facilities on Customer's Premises

2.4.1 Provision of Equipment and Facilities

All services along the facilities between the point identified as the Company's origination point and the point identified as the Company's termination point will be furnished by the Company, its agents or contractors.

The Company may undertake to use reasonable efforts to make available services to a Customer on or before a particular date, subject to the provisions of and compliance by the Customer with, the regulations contained in this tariff. The Company does not guarantee availability by any such date and shall not be liable for any delays in commencing service to any Customer.

The Company undertakes to use reasonable efforts to maintain only the facilities and equipment that it furnishes to the Customer. The Customer, joint user, or authorized user may not, nor may he permit others to, rearrange, disconnect, remove, attempt to repair, or otherwise tamper with any of the facilities or equipment installed by the Company, except upon the written consent of the Company.

Equipment the Company provides or installs at the Customer's premises for use in connection with the services the Company offers shall not be used for any purpose other than that for which the Company provided the equipment.

The Customer shall be responsible for the payment of service charges as set forth herein for visits by the Company's agents or employees to the premises of the Customer, joint user, or authorized user when the service difficulty or trouble report results from the use of equipment or facilities the Customer, joint user, or authorized user provided.

The Company shall not be responsible for the installation, operation, or maintenance of any Customer provided communications equipment. Where such equipment is connected to the facilities furnished pursuant to this tariff, the responsibility of the Company shall be limited to the furnishing of facilities offered under this tariff and to the maintenance and operation of such facilities; subject to this responsibility the Company shall not be responsible for:

- i.) The transmission of signals by Customer provided equipment or for the quality of, or defects in, such transmission; or
- ii.) The reception of signals by Customer provided equipment.

2.4 Service Connections and Facilities on Customer's Premises

2.4.1 Provision of Equipment and Facilities

The Customer, authorized user, or joint user is responsible for ensuring that Customer provided equipment connected to Company equipment and facilities is compatible with such Company equipment and facilities. The magnitude and character of the voltages and currents impressed on Company provided equipment and wiring by the connection, operation, or maintenance of such equipment and wiring shall be such as not to cause damage to the Company provided equipment and wiring or injury to the Company's employees or to other persons. Customer will submit to Company a complete manufacturer's specification sheet for each item of equipment that is not provided by the Company and which shall be attached to the Company's facilities. The Company shall approve the use of such item(s) of equipment unless such item is technically incompatible with Company's facilities. Any additional protective equipment required to prevent such damage or injury shall be provided by the Company at the Customer's expense.

Any special interface equipment necessary to achieve compatibility between the facilities and equipment of the Company used for furnishing service and the channels, facilities, or equipment of others shall be provided at the Customer's expense.

The Company's Service may be connected to the services or facilities of other communications carriers only when authorized by, and in accordance with, the terms and conditions of the tariffs of the other communications carrier which are applicable to such connections.

2.4.2 Shortage of Equipment or Facilities

The Company reserves the right to limit or to allocate the use of existing facilities, or of additional facilities offered by the Company, when necessary because of a lack of facilities, or due to any other cause beyond the Company's control.

The furnishing of service under this tariff is subject to the availability on a continuing basis of all the necessary facilities and is limited to the capacity of the Company's facilities, as well as facilities the Company may obtain from other carriers to furnish service from time to time, as required at the sole discretion of the Company.

2.4.3 Prohibited Uses

The services the Company offers shall not be used for any unlawful purpose or for any use as to which the Customer has not obtained all governmental approvals, authorizations, licenses, consents and permits required to be obtained by the Customer with respect thereto.

The Company may require applicants for service who intend to use the Company's offerings for resale and/or for shared use to file a letter with the Company confirming that their use of the Company's offerings complies with relevant laws and the Commission's regulations, policies, orders, and decisions.

The Company may require a Customer to immediately shut down its transmission of signals if said transmission is causing interference to others.

A Customer may not use the services so as to interfere with or impair service over any facilities and associated equipment, or so as to impair the privacy of any communications over such facilities and associated equipment.

Customer use of any resold service obtained from other service providers shall also be subject to any applicable restrictions in the underlying providers' publicly available tariffs.

A Customer, joint user, or authorized user shall not represent that its services are provided by the Company, or otherwise indicate to its Customers that its provision of services is jointly with the Company, without the written consent of the Company. The relationship between the Company and Customer shall not be that of partners or agents for one or the other, and shall not be deemed to constitute a partnership or agency agreement.

2.5 Jurisdictional Report Requirements

Switched access service, which is available to customers for their use in furnishing their service to end users, provides a two-point communications path between a customer's premises and an end user's premises. It provides for the use of common terminating switching and transport switching. Switched access service provides the ability to originate calls from an end user's premises to a customer's premises, and to terminate calls from a customer's premises located to an end user's premises.

For Feature Group D Switched Access Service(s), the Company, where jurisdiction can be determined from the call detail, will determine the projected Percent Interstate Usage (PIU) factor as follows. For originating access minutes, when the call detail is adequate to determine the appropriate jurisdiction, the projected PIU factor will be developed on a monthly basis by end office, by dividing the measured interstate originating access minutes (the access minutes where the calling number is in one state and the called number is in another state) by the total originating access minutes.

For terminating access minutes, the data used by the Company to develop the projected PIU factor for originating access minutes will be used to develop the projected PIU factor for such terminating access minutes.

For terminating access minutes, the customer has the option to provide the Company with a projected PIU factor. Customers who provide a PIU factor shall supply the company with an interstate percentage of FGD terminating access minutes for each account or state to which the customer may terminate traffic. If a state level PIU is provided by the customer, the percentage will be applied to all accounts to which the customer may terminate traffic within the state.

Effective on the first of January, April, July and October of each year, the customer may update the interstate and intrastate jurisdictional report. The customer shall forward to the Company, to be received no later than 15 days after the first of the month, a revised report showing the interstate and intrastate percentage of use for the past three months ending the last day of December, March, June, and September, respectively, for each service arranged for interstate use. Except where the Company is billing according to actual use by jurisdiction, the revised report will serve as the basis for the next three months billing and will be effective on the bill date for that service. No prorating or back billing will be done based on that report. If the customer does not supply the reports for those services where reports are needed, the Company will assume the percentages to be the same as those provided in the initial order for service.

The customer reported projected PIU will be used for the apportionment of any monthly rates or nonrecurring charges associated with FGD Services until the end of the quarter during which the service was activated. Thereafter, a projected interstate percentage for such apportionment will be developed quarterly by the Company based on the data used to project interstate percentage of use as set forth preceding. Where call detail is insufficient to make such a determination, the customer will be requested to project an interstate percentage of use to be used by the Company for such apportionment.

The customer shall keep sufficient detail from which the percent of interstate use can be ascertained and upon request of the Company make the records available for inspection. Such a request will be initiated by the Company no more than once a year. The customer shall supply the data within 30 calendars days of the Company request.

2.6 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company is Involved

Meet Point billing applies where a customer is required to use the Company and another Local Telephone Company to originate or terminate traffic to end users. The customer must order Call Completion Service to establish this relationship. All other recurring and nonrecurring charges for services provided by each Local Telephone Company are billed under each company's applicable rate schedules.

The Company accepts and adheres to the Ordering and Billing Forum guidelines, Multiple Exchange Carrier Access Billing (MECAB) and Multiple Exchange Carrier Ordering and Design (MECOD).

The Company will handle ordering, rating and billing of Access Services under this tariff where more than one Local Telephone Company is involved in the provision of Access Services as follows:

A. When FGD is jointly provided by more than one Local Telephone Company, the Customer must supply a copy of the order to each Local Telephone Company involved in providing the service.

Each Local Telephone Company will provide the portion of Switched Transport in its territory to an interconnection point (IP) with another Local Telephone Company, and will bill the service in accordance with its tariff(s). The rates for Switched Transport (fixed and per mile), are determined as follows:

- 1) The total mileage for the service is computed using the V&H Coordinate Method set forth in National Exchange Carrier Association Tariff F.C.C. No. 4 (NECA No. 4).
- 2) A billing factor called the Border Interconnection Percentage (BIP) is determined from NECA No. 4 directly.
- 3) The company's rates and charges are then multiplied by the appropriate quantity(ies) and the billing factor to obtain the charges for this company.

B. The application of nondistance sensitive rate elements varies according to the rate structure and location of the facilities involved:

- 1) When rates and charges are listed on a per point of termination basis, this company's rates will be billed for the termination(s) within this company's operating territory.
- 2) When rates and charges are listed on a per unit basis, e.g., multiplexing, this company's rates and charges will apply for the units located in this company's operating territory.
- 3) When rates and charges are developed on an individual case basis, such rates will be developed for the portion of the service provided by this company.
- 4) When rates and charges are listed on a per service basis, these rates and charges will be billed.
- 5) When rates and charges are listed on a per line or trunk installed basis, this company's rates will be billed based on the number of lines or trunks specified by the customer on its order for access service placed with this company
- 6) When this company is an intermediate, non-terminating carrier in a given arrangement, channel mileage fixed mileage charges will not apply.

(T)

(N)

SECTION 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, Beavercreek, 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, Bloomingdale, Bloomingsborg, 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 bland, Cedarville, Celina, Centerburg, Centerville, Chardon, Chatham, Cherry Grove, Chesapeake, Chatfield, Cheshire Center, Cheshire Galla, Chester, Chesterfield, Chesterhill, Chesterville, Cheviot, Chillicothe, Christiansbu, 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, 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, Fairfieid, Fairview, Farmersville, Fayette, Fayetteville, Felicity, Findlay, Fletcher, Florida, Flushing, Forest, Fort Jennings, Fort Loramie, Fort Recovery, Fostoria, Frankfort, Franklin, Frazeysburg, 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, Hallsvile, 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,

*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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Filed in Accordance With Case No. 08-879-TP-ATA.

By: Carol Paulsen, Director

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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. 1

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.

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

<u>Clear Channel DS3</u>: 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.

<u>C-bit Parity Framed DS3</u>: 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.

3.4 <u>DS1 Service (1.544 Mbps)</u>

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: $1.544 \text{ Mbps} \pm 130 \text{ ppm}$

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 KHz shall be at least 29 dB below that in a 2 KHz band about 771

KHz.

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:

<u>Unframed DS1</u>: 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.

 $\underline{\text{D4/SF DS1}}$: 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 <u>Fanout DS1 Service</u>

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 DSO Service

DSO 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 DSO 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:

3.5.1.1 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 signalling (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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Filed in Accordance With Case No. 97-145-TP-ACN
By: Andrew J. Burke, Tariff Analyst
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Two Teleport Drive, Suite 300, Staten Island, NY 10311

3.5.1.2 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 signalling (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.

3.5.1.3 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 signalling (e.g., DP or MF dialing, ringing).

3.5.1.4 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:

3.5.2.1 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.)

3.5.2.2 4-Wire Tie Line/Tie Trunk Private Lines

4-wire talk path, 600 ohm, with industry standard demarcation. Additional leads for signalling, 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.)

3.5.3 <u>Digital Services</u>

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

3.5.3.1 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).

3.5.3.2 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).

3.5.3.3 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).

3.5.3.4 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 DSO Service

Fanout DSO Service allows a customer to aggregate up to 24 DSO channels that terminate in the same location into a single DS1 Local Distribution Channel.

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.

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)

3.6.3.1 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.

A. <u>Local Distribution Channel</u>: This rate element applies to each end-point of a transmission channel.

	<u>Minimum/Maximum</u>		
Non Recurring		\$0.01-\$270	
	Minim	num/Maximum	
Recurring (per month)			
Basic Service			
1 year	\$1,000	\$4,000	
3 years	\$1,000	\$4,000	
5 years	\$1,000	\$4,000	
<u>Mixed Vendor Service</u>			
l year	\$1,000	\$4,000	
3 years	\$1,000	\$4,000	
5 years	\$1,000	\$4,000	

3.6.3 <u>DS3 Service (44.736 Mbps) (Cont'd.)</u>

3.6.3.1 Basic DS3 Service (Cont'd.)

B. <u>Interoffice Channel Mileage-Fixed</u>:

	Minimum/Maximum		
Recurring (per month)			
<u>Basic Service</u>			
l year	\$200	\$1,000	
3 years	\$200	\$1,000	
5 years	\$200	\$1,000	
Mixed Vendor Service			
l year	\$200	\$1,000	
3 years	\$200	\$1,000	
5 years	\$200	\$1,000	

C. <u>Interoffice Channel Mileage-Per Mile</u>:

Minimum	/Maximum
HILLIMAN	Harimum

		110011211100111
Recurring (per month per mile)		
Basic Service		
1 year	\$50	\$200
3 years	\$50	\$200
5 years	\$50	\$200
Mixed Vendor Service		
l year	\$50	\$200
3 years	\$50	\$200
5 years	\$50	\$200

D. <u>Volume Discounts</u> (Basic Service-Local Distribution Channel (Per End):

<u># of</u>	DS3s	l Year <u>Min.Max.</u>	3 Year Min./Max.	5 Year Min./Max.
2	Zone l	\$800-\$3,500	\$500-\$3,000	\$400-\$2,000
	Zone 2	\$800-\$3,500	\$500-\$3,000	\$400-\$2,000
	Zone 3	\$800=\$3,500	\$500-\$3,000	\$400-\$2,000

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3.6.3 <u>DS3 Service (44.736 Mbps) (Cont'd.)</u>

3.6.3.1 Basic DS3 Service (Cont'd.)

D. Volume Discounts (Basic Service-Local Distribution Channel (Per End): (Cont'd.)

# of DS3s	l Year Min.Max.	3 Year Min./Max.	5 Year Min./Max.
3 Zone 1	\$800-\$3,000	\$500-\$3,000	\$400-\$2,000
Zone 2	\$800-\$3,000	\$500-\$3,000	\$400-\$2,000
Zone 3	\$800=\$3,000	\$500-\$3,000	\$400-\$2,000

	l Year	3 Year	5 Year
# of DS3s	Min.Max.	Min./Max.	Min./Max.
4-6 Zone 1	\$700-\$3,000	\$500-\$2,500	\$400-\$2,000
Zone 2	\$700-\$3,000	\$500-\$2,500	\$400-\$2,000
Zone 3	\$700-\$3,000	\$500-\$2,500	\$400-\$2,000

# of DS3s	l Year Min.Max.	3 Year Min./Max.	5 Year Min./Max.
	-		
7-12 Zone 1	\$600-\$2,500	\$400-\$2,000	\$350-\$1,500
Zone 2	\$600-\$2,500	\$400-\$2,000	\$350-\$1,500
Zone 3	\$600-\$2,500	\$400-\$2,000	\$350-\$1,500

# of DS3s	l Year Min.Max.	3 Year Min./Max.	5 Year Min./Max.
13-24 Zone 1	\$500-\$2,000	\$350-\$1,500	\$300-\$1,500
Zone 2	\$500-\$2,000	\$350-\$1,500	\$300-\$1,500
Zone 3	\$500-\$2,000	\$350-\$1,500	\$300-\$1,500

3.6.4 Basic DS1 Service (1.544 Mbps)

3.6.4.1 <u>Local Distribution Channel:</u>

	Min	<u>imum/Maximum</u>
Non Recurring	\$0.01	\$500

Recurring (per month)	Mini	imum/Maximum
Basic Service		
l year	\$100	\$400
3 years	\$100	\$400
5 years	\$100	\$400
Mixed Vendor Service		
1 year	\$100	\$400
3 years	\$100	\$400
5 years	\$100	\$400

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3.6.4 <u>DS3 Service (44.736 Mbps)</u>

3.6.4.2 Interoffice Channel Mileage-Fixed:

Recurring (per month)	Minimum/Ma	axımum
<u>Basic Service</u>		
l year	\$10	\$100
3 years	\$10	\$100
5 years	\$10	\$100
<u>Mixed Vendor Service</u>		
l year	\$10	\$100
3 years	\$10	\$100
5 years	\$10	\$100

3.6.4.3 Interoffice Channel Mileage-Per Mile:

Recurring (per month per mile) Minimum/Maximum

<u>Basic Service</u>		
l year	\$1	\$30
3 years	\$1	\$30
5 years	\$1	\$30
Mixed Vendor Service		
l year	\$1	\$30
3 years	\$1	\$30
5 years	\$1	\$30

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:

 DS1 Local Distribution Channels - Rated as a standard DS1 Local Distribution Channel.

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SECTION 3 - DEDICATED ACCESS SERVICES. CONT'D

3.6.5 <u>Hubbed DS1 Service (Cont'd.)</u>

2. Central Office Multiplexing - Aggregates the 28 DS1's onto DS3 interoffice facilities.

Monthly Recurring

Non-			
Recurring	l Year	3 Year	5 year
Min./Max.	Min./Max.	Min./Max.	Min./Max.
\$0.01-\$300	\$300-\$600	\$300-\$600	\$300-\$600

3. DS3 Interoffice Mileage/Local Distribution Channel - Rated as standard DS3 Circuit

Hubbed DS1 Service Rates:

Monthly Recurring

Service Configuration	Non- Recurring <u>Min./Max.</u>	l Year Min./Max.	3 Year Min./Max.	5 year Min./Max.
DS1 Fanout				
Channel	\$0.01-\$300	\$80-\$300	\$60-\$300	\$50-\$200
DS3 Channel				
Between Client				
Location/TC Node	\$0.01-\$300	\$1,000-3,000	\$500-\$2,000	\$400-\$1,500
Optional DS3/1				
Mux @ Client				
Location	\$400-\$2,000	\$300-\$1,000	\$250-\$1,000	\$200-\$900

3.6.6. DSO Service

3.6.6.1 Local Distribution Channel

3.6.6.1.1

Non-Recurring Charges	Minimum/Maximum
2 Wire Voice Grade	\$100 \$600
4 Wire Voice Grade	\$100 \$600
2.4 to < 56 Kbps	\$200 \$800
56 or 64 Kbps	\$200 \$800
56 or 64 Kbps x N	\$150 \$3,000

3.6.6.1.2

Non-Recurring Charges	Minimum/Maximum
2 Wire Voice Grade	\$5.00 \$100
4 Wire Voice Grade	\$5.00 \$100
2.4 to < 56 Kbps	\$5.00 \$100
56 or 64 Kbps	\$5.00 \$100
56 or 64 Kbps x N	\$5 X N \$100

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3.6.6. DSO Service (Cont'd.)

3.6.6.2

	Fixed		Per M	<u>ile</u>
<u>Interoffice Mileage</u>	Minim	um/Maximum	Min./	Max.
2 Wire Voice Grade	\$5	\$50	\$.05	\$.25
4 Wire Voice Grade	\$5	\$50	\$.05	\$.25
2.4 to < 56 Kbps	\$5	\$50	\$.05	\$.25
56 or 64 Kbps	\$5	\$50	\$.05	\$.25
56 or 64 Kbps x N	\$5	\$50	\$.05	\$.25

3.6.7 <u>Hubbed DSO Service</u>

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

Hubbed DSO's consist of 3 rate elements:

- DSO Local Distribution Channels Rated as a standard DSO Local Distribution Channel.
- 2. Central Office Multiplexing Aggregates the 24 DSO's onto DS1 interoffice facilities.

36 . 1 1	ъ.
Monthly	Recurring

Non- Recurring Min./Max.	l Year Min./Max.	3 Year Min./Max.	5 year Min./Max.
\$0.01-\$300	\$300-\$600	\$300-\$600	\$300-\$600

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 <u>Individual Case Basis (ICB) Arrangements</u>

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, pursuant to the rules of the Commission.

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3.9 Customer Transfer Charges

3.9.1 Description

Customer Transfer Charges apply when a TCG local customer is transferred from TCG to an Incumbent Local Exchange Carrier (ILEC) or to a Competitive Local Exchange Carrier (CLEC) that imposes charges similar to those imposed by the ILEC for activities related to customer migration between carriers. A Customer Transfer Charge may also apply to non-standard requests for migration of a customer between TCG and a CLEC. Payment of these charges is the responsibility of the ILEC or CLEC, to which the customer's service is being migrated.

3.9..2 Application of Charges

The following non-recurring charges apply:

- Customer Transfer Charges apply per each DS-0 and DS-1 facility, and will be equal to the New Service Request special access or UNEloop charges applied by the dominant LEC.
- b. A Supplemental Charge applies per each request made to change or
- revise the original order.

 An Expedite Charge applies in instances where TCG receives a request to reduce the migration interval to less than the standard, published TCG interval pertaining to expedites.
- A Cancellation Charge applies in instances where a Customer Transfer Request is cancelled. d.
- Reciprocal Pricing, as specified below applies.

\$15-\$45

3.9.3 Rates and Charges

Cancellation Charge

The rates and charges below are applicable to each TCG local customer transfer, per service transferred.

a. For orders requesting the transfer of less than one hundred (100) telephone numbers or less than one hundred (100) DS-0 equivalents:

			Per Request	Per DS-0 Facility	Per l <u>Facility</u>	OS-1
Customer	Tran	sfer	Min./Max.	Min./Max. \$40-\$140	First Facility Min./Max. \$500-\$1,645	Each Add'l Facility Min./Max. \$400-\$1150
Charge Expedite day	Charge,	per	-	\$200-\$1,000	\$300-\$1,000	-
Supplement	al Charge		\$15-\$45			

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3.9 <u>Customer Transfer Charges</u> (Cont'd.)

3.9.3. Rates and Charges (Cont'd.)

b. For orders requesting the transfer of more than one hundred (100) telephone numbers or more than one hundred (100) DS-0 equivalents:

First	Hour	Each Add'l Hou	ır
0r	Fraction	Or Frac	tion
There	eof	Thereof	
Min./	Max.	Min./Max	(
\$90 -	\$450	\$ <mark>25 _ \$30</mark> 0	

Per Transfer Request

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SECTION 4 - CALL COMPLETION SERVICE

4.1 General

Call Completion Service provides for the capability of originating and terminating intrastate long distance calls to and from an end user's premises to a customer's facilities via TCG's switch.

Toll Free 8YY Transit Service is an access service in which the Company transports Toll Free traffic originated by a third party who is not an end user or other user of the Company's local exchange service through its wire center to an Interexchange Carrier Customer.

Connectivity options for Toll Free 8YY Transit Traffic service include (1) direct connection utilizing a Direct End Office Trunk (DEOT) from the Company's switch to the IXC or (2) indirect connection via a tandem provider's switch.

4.2 Call Completion Service Arrangement

Call Completion is provided as a trunkside connection, Feature Group D (FGD), to TCG's switches with an associated Carrier Identification Code (CIC) for the customer's use in originating and terminating communications.

4.3 Manner of Provisioning

Call Completion Service is provisioned as FGD at the DSl level using D3/D4 format (as defined in AT&T TR62411) on a per trunk basis and is differentiated by type and directionality of transmission. Originating traffic type represents capacity for carrying traffic from the end user to the customer or Toll Free Transit Traffic originated by a third party who is not an end user of the Company; Terminating traffic represents capacity for carrying traffic from the customer to the end user. All traffic must be associated with customer-provided Carrier Identification Code (CIC).

An out of band signaling connection (Common Channel Signaling Access Services Port) is required in conjunction with FGD service equipped with out of band signaling. Out of band signaling allows the customer to pass call set-up information path utilizing Signaling System 7 (SS7) protocol which is separate from the message path. This connection is provided at the DSO level and provides the interconnection between TCG's Signal Transfer Point (STP) and the customer's Signaling Point of Interconnection (SPOI).

4.4 Provisioning and Description of FGD

FGD is provided as trunk side switching and may be provided with wink start and MF pulsing signals and answer and disconnect supervisory signaling. Out of band signaling may also be specified.

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SECTION 4 - CALL COMPLETION SERVICE CONT'D

4.4 Provisioning and Description of FGD (Cont'd)

FGD switching is provided with multifrequency address or out of band signaling. Up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signals will be provided by the Company to the customer's premises where Call Completion Service terminates. Such address signals are subject to the ordinary transmission capabilities of the Digital transmission Service provided in Section 3.0 preceding.

Calls in the terminating direction will not be completed to 950-XXXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 or 555-1212), service codes 611 and 911, or 10XXX access codes.

The access code for FGD switching is a uniform access code of the form 10XXX. A single access code will be the assigned number of all FGD access provided to the customer by TCG. No access code is required for calls to a customer over FGD facilities if the end user's service is arranged for presubscription.

Where no access code is required, the number dialed by the customer's end user shall be a seven or ten digit number for calls in the North America Numbering Plan (NANP), except for 00- dialed calls which are routed to the predesignated customer. For international calls outside the NANP, a seven to twelve digit number may be dialed. The form of the numbers dialed by the customer's end user is NXX-XXXX, 0 or 1 + NXX XXXX, NPA + NXX-XXXXX, 0 or 1 + NPA + NXX-XXXX, and where the TCG switch is equipped for International Direct Distance Dialing (IDDD), 01 + CC + NN or 011 + CC + NN.

When the 10XXX access code is used, FGD switching also provides for dialing the digit 0 for access to the customer's operator.

Optional features available with FGD are:

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A. Automatic Number Identification (ANI)

This option provides the automatic transmission of a ten digit number and information digits to the customer's premises for originating calls to identify the calling station. The ANI feature is an end office software function which is associated on a call-by-call basis with all individual transmission paths in a trunk group. When out of band signaling is specified, the customer may obtain an ANI equivalent by ordering the Charge Number optional feature. The ten-digit ANI telephone number will be transmitted on all calls except those identified as multiparty line or ANI failure, in which case only the NPA will (T) be transmitted (in addition to the information digit described following).

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SECTION 4 - CALL COMPLETION SERVICE (CONT'D)

4.4 Provisioning and Description of FGD

A. Automatic Number Identification (ANI) (Cont'd)

The information digits identify: (1) telephone number is the station billing number - no special treatment required, (2) multiparty line- telephone number is a multiparty line and can not be identified - number must be obtained via an operator or in some other manner, (3) ANI failure has occurred in the end office switch which prevents identification of calling telephone number - number must be obtained via an operator or in some other manner, (4) hotel/motel originated call which requires room number identification, (5) coinless station, hospital, inmate, etc. call which requires special screening or handling by the customer, and (6) call is an Automatic Identified Outward Dialed (AIOD) call from customer premises equipment. The ANI telephone number is the listed telephone number of the customer and is not the telephone number of the calling party; (7) Public Payphones.

(T)

B. Calling Party Number (CPN)

This option provides for the automatic transmission of the calling party's ten digit telephone number to the customer's premises for originating calls. The ten-digit telephone number consist of the NPA plus the seven-digit telephone number, which may or may not be the same as the calling station's charge number. The protocol for CPN is contained in Technical reference TR-TSV-000905. This feature is only available when out of band signaling is specified.

The Company will transmit a "privacy indicator" as part of the CPN information in those jurisdictions where end users may elect that their CPN information may not be passed to the called party, and where the end user has taken the necessary actions to ensure that their CPN is so blocked.

Material previously appearing on this page now appears on Page 30.1

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By: Leslie Buford, District Manager 222 W. Adams, Chicago, IL

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SECTION 4 - CALL COMPLETION SERVICE (CONT'D)

4.4 <u>Provisioning and Description of FGD</u> (Cont'd)

- C. Charge Number (CN) This option provides for the automatic transmission of the ten-digit billing number of the calling station number and originating line information. The protocol for CN is contained in Technical reference TR-TSV-000905. This feature is only available when out of band signaling is specified.
- D. Carrier Selection Parameter (CSP) This option provides for the automatic transmission of a signaling indicator which signifies to the customer whether the call being processed originated from a presubscribed end user of that customer. The protocol for CSP is contained in Technical reference TR-TSV-000905. This feature is only available when out of band signaling is specified.
- E. 800 Data Base Access Service and Toll Free 8YY Transit Traffic Service. 800 Data Base Access Service is an originating only trunk side service. When an 800+NXX+XXXX call is originated by an end user, the Company will perform customer identification based on screening of the full ten-digits of the 800 number to determine the location to which the call is to be routed.

Toll Free 8YY Transit Traffic Service is an access service in which the Company transports Toll Free traffic originated by a third party who is not an end user or other user of the Company's local exchange or exchange access service through its wire center to an Interexchange Carrier Customer. The connection to the interexchange carrier can be either directly via a Direct End Office Trunk from the Company's switch to the IXC or indirectly via the tandem provider's switching facility. This service provides for the use of the Tandem Switching, Tandem Termination, Tandem Facility and 800 Data Base Query functionalities.

To the extent the Company jointly provides Toll Free 8YY Transit Traffic Service in conjunction with a third-party carrier's switched access service, pursuant to that third party carrier's tariff or other authority, for that third party carrier's portion of the total service, the Company and third party carrier(s) will enter into a billing agreement with all billing carriers which is consistent with the provisions contained in MECAB. Toll Free 8YY Transit Traffic Service calls routed to a tandem provider's switching facility will conform to the LATA restrictions as defined both in said tandem provider's switched access tariff and in MECAB.

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SECTION 4 - CALL COMPLETION SERVICE (CONT'D)

4.4 Provisioning and Description of FGD (Cont'd)

800 Data Base Access Service calls and Toll Free 8YY Transit (N) Traffic Service calls will be delivered to the customer directly (N) from a Company end office only when the end office is equipped with 800 Data Base query functionality, i.e., the ability to query the 800 Data Base to perform ten-digit customer identification. When the end office does not have 800 data Base query functionality, 800 calls will be blocked.

Call Completion rates and charges apply to 800 data Base Access services calls originated from the Company and calls originating (N) from the Toll Free 8YY Transit Traffic Service. In addition to (N) Call Completion usage charges, a basic query charge as specified in 4.5.2(G) following applies to each 800 Data Base Access service call delivered to the customer and to each Toll Free 8YY (N) Transit Traffic service call delivered to the customer. A basic query charge consists of customer identification {i.e., Carrier Identification Number (CIC), delivery of the ten-digit number, ANI, and the allowable area of service, designated by the customer, from which 800 calls can be received.

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SECTION 4 - CALL COMPLETION SERVICE (CONT'D)

4.4 Provisioning and Description of FGD (Cont'd)

F. Common Channel Signaling Access Service (CCSAS)

This option allows the customer to exchange signaling information for FGD call set up over a communications path which is separate from the message path. This service includes a dedicated 56 Kbps out of band signaling connection between the customers SPOI and the Company's STP. CCSAS is provisioned for two-way transmission of out of band signaling information.

Each CCSAS Signaling Connection provides for two-way digital transmission at a speed of 56 Kbps. The connection to the STP pair can be made from either the customer's signaling Point (SP) which requires a minimum of two 56 Kbps circuits or from the customer's STP pair which requires a minimum of four 56 Kbps circuits. STP locations are set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4. CCSAS Signaling Connection rates and charges are specified in 4.6 following.

4.5 <u>Jurisdictional Report Requirement</u>

For Feature Group D Switched Access Service(s), the Company, where jurisdiction can be determined from the call detail, will determine the projected Percent Interstate Usage (PIU) factor as follows. For originating access minutes, when the call detail is adequate to determine the appropriate jurisdiction, the projected PIU factor will be developed on a monthly basis by end office, by dividing the measured interstate originating access minutes (the access minutes where the calling number is in one state and the called number is in another state) by the total originating access minutes.

For terminating access minutes, the date used by the Company to develop the projected PIU factor for originating access minutes will be used to develop the projected PIU factor for such terminating access minutes.

For terminating access minutes, the customer has the option to provide the Company with a projected PIU factor. Customers who provide a PIU factor shall supply the company with an interstate percentage of FGD terminating access minutes for each account or state to which the customer may terminate traffic. If a state level PIU is provided by the customer, the percentage will be applied to all accounts to which the customer may terminate traffic within the state.

Material previously appearing on this page now appears on Pages 30.1, 32 or 37.

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SECTION 4 - CALL COMPLETION SERVICE (CONT'D)

4.5 Jurisdictional Report Requirement

Effective on the first of January, April, July and October of each year, the customer may update the interstate and intrastate jurisdictional report. The customer shall forward to the Company, to be received no later than 15 days after the first of the month, a revised report showing the interstate and intrastate percentage of use for the past three months ending the last day of December, March, June and September, respectively, for each service arranged for interstate use. Except where the Company is billing according to actual use by jurisdiction, the revised report will serve as the basis for the next three months billing and will be effective on the bill date for that service. No prorating or back billing will be done based on that report. If the customer does not supply the reports for those services where reports are needed, the Company will assume then percentage to be the same as those provided previously. For those cases in which a quarterly report has never been received from the customer, the Company will assume the percentages to be the same as those provided in the initial order for service.

The customer requested projected PIU will be used for the apportionment of any monthly rates or nonrecurring charges associated with FGD Services until the end of the quarter during which the service was activated. Thereafter, a projected interstate percentage for such apportionment will be developed quarterly by the Company based on the data used to project interstate percentage of use as set forth preceding. Where call detail is insufficient to make such a determination, the customer will be requested to project an interstate percentage of use to be used by the Company for such apportionment.

The customer shall keep sufficient detail from which the percent of interstate use can be ascertained and upon request of the Company make the records available for inspection. Such a request will be initiated by the Company no more than once a year. The customer shall supply the data within 30 calendar days of the Company request.

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By: Leslie Buford, District Manager 222 W. Adams, Chicago, IL

SECTION 4 - CALL COMPLETION SERVICE (CONT'D)

4.6 Ordering, Rating and Billing of Access Services Where More Than One Exchange Telephone Company is Involved

(N)

Meet Point billing applies where a customer orders Call Completion Service to a tandem operated by another Exchange Telephone Company which subtends an end office operated by the Company. All other recurring and nonrecurring charges for services provided by each Exchange Telephone Company are billed under each company's applicable rates exhibited in their respective tariffs.

The Company accepts and adheres to the Ordering and Billing Forum Guidelines, Multiple Exchange Carrier Access Billing (MECAB) and Multiple Exchange Carrier Ordering and Design (MECOD).

The Company will handle ordering, rating and billing of Access Services under this tariff where more than one Exchange Telephone Company is involved in the provision of Access Services as follows:

A. When FGD is ordered by a customer to a tandem operated by another Exchange Telephone Company which is subtended by an end office operated by TCG, the customer must provide the original order to the Exchange Telephone Company which operates the access tandem, and must provide a copy of the order to this Company.

Each Exchange Telephone Company that accepts the order will provide the portion of Switched Transport in its territory to in interconnection point (IP) with another Exchange Telephone Company, and will bill the service in accordance with its tariff(s). The rates for Switched Transport (fixed and per mile) are determined as follows:

- 1) The total mileage for the service is computed using the V&H Coordinate Method set forth in National Exchange Carrier Association Tariff F.C.C. No. 4 (NECA No. 4).
- 2) A billing factor called the Border Interconnection Percentage (BIP) is determined from NECA No. 4 directly.
- 3) The company's rates and charges are then multiplied by the appropriate quantity(ies) and the billing factor to obtain the charges for this company.

(N)

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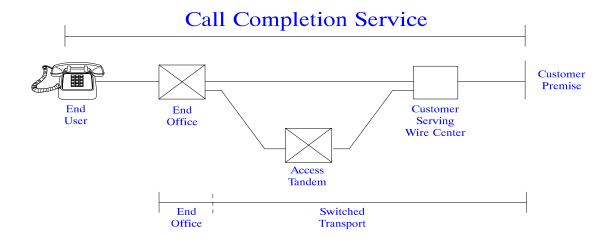
SECTION 4 - CALL COMPLETION SERVICE (CONT'D)

4.7 Call Completion Rate Application

Non-recurring and usage rates apply for each Call Completion Service furnished by the Company. Non-recurring charges are the one time charges that apply for a specific work activity, (e.g., new installations or changes to existing installations). Usage rates apply only when a specific rate element is used. They apply on a per Call Completion Service access minute and are accumulated over a monthly period.

4.7.1 Rate Categories

The following diagram depicts a generic view of the components of Call completion Service and the manner in which the components are combined to provide a complete service.



Material previously appearing on this page now appears on Page 32.1. and Page 33.

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(N)

SECTION 4 - CALL COMPLETION SERVICE (CONT'D)

4.7 <u>Call Completion Rate Application (Cont'd)</u>

4.7.1 Rate Categories (Cont'd)

The following diagram depicts the call flow for 8YY Transit Traffic Service.

8YY Transit Traffic Service - Direct Routed vs. Indirect Routed Direct Routed = From the Company Switch to the IXC IXC Network 8XX Database Query Switching Entrance Facilities Direct Trunked Transport to the End Office IXC POP Third Party End User who Company End Office does NOT subscribe to Serving Wire Center Company's local service Purchaser Indirect Routed = From the Company switch to the IXC via an Access Tandem Entrance Facilities Tandem Switching Company End Office Serving Wire Third Party End User who does NOT IXC Network subscribe to Tandem Company's local Switched Transport Access Tandem 8XX Database 8XX Purchaser Query (N)

4.7.2 Switched Transport

Switched transport provides the transmission facilities between the customer premises or collocated interconnection location and the Company's end-office switch(es) where the customer's traffic is switched to originate or terminate customer's communications.

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SECTION 4 - CALL COMPLETION SERVICE CONT'D

4.7 <u>Call Completion Rate Application</u> (Cont'd)

4.7.2 <u>Switched Transport</u> (Cont'd)

A. Entrance Facility Rate Category

An Entrance Facility provides the communications path between a customers premises and the Company serving wire center (SWC) of that premises for the sole use of the customer. The Entrance Facility is provided as DS1 and/or DS3 service. An Entrance Facility is required whether the customer's premises and the serving wire center are located in the same or different buildings.

B. <u>Direct Trunk Transport Rate Category</u>

Direct Trunk Transport provides the transmission path from the serving wire center of the customer's premises to an end office or as an option from the serving wire center to a tandem office. This transmission path is dedicated to the use of a single customer.

Direct Trunked Transport rate category is comprised of a monthly fixed rate and a monthly per mile rate based on the facility provided, i.e., DS1 or DS3. The fixed rate provides the circuit equipment at the ends of the transmission links. The per mile rate provides the transmission facilities, including intermediate transmission circuit equipment, between the end points of the circuit. The Direct Trunked Transport rate is the sum of the fixed and per mile rates. For purposes of determining the per mile rate, mileage shall be measured as airline mileage between the serving wire center of the customer's premises and the end office or directly to the access tandem using the V&H coordinates method.

C. Tandem Switched Transport Rate Category

Tandem Trunk Transport provides the transmission path from the SWC of the customer's premises to an end office utilizing tandem switching functions. Tandem Switched Transport consists of circuits dedicated to the use of a single customer from the customer's premises to the access tandem and circuits used in common by multiple customers. For Tandem Switched Transport the Company will determine the type of facilities from the SWC of the customer's premises to the end office based on the customer's order for service based on a busy hour minutes of capacity basis or on a per trunk basis.

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SECTION 4 - CALL COMPLETION SERVICE CONT'D

4.7 <u>Call Completion Rate Application</u> (Cont'd)

4.7.2 Switched Transport (Cont'd)

C. Tandem Switched Transport Rate Category (Cont'd)

The Tandem Switched Transport rate category is comprised of a Tandem Transport fixed MOU rate, Tandem Transport Per Mile/Per MOU rate, and a Tandem Switching MOU rate. The fixed rate provides the circuit equipment at the end of the interoffice transmission links. The per mile rate provides the transmission facilities, including intermediate transmission circuit equipment, between the end points of the interoffice circuits. For purposes of determining the per mile rate, mileage shall be measured as airline mileage between the tandem office and the end office using the V&H coordinates method for all of the customers usage at that specific tandem. The rate elements applicable to Tandem Switched transport facilities include the fixed and per mile Tandem Switched transport rate elements. The Tandem Switching rate element provides for the tandem switching functions. The Tandem Switched Transport Rate Category applies to Toll Free 8YY Transit Traffic Service.

(N)

In addition, the customer has the option to purchase direct trunks to the access tandem as specified above. If the customer chooses this option, the per mile/per MOU rate shall be measured between the tandem office and the end office (common traffic) using the V&H coordinates method for all of the customer's usage at that specific tandem. The tandem transport fixed per MOU and per mile rates will apply. In addition, the

Tandem Switching rate will apply when the ILEC charges TCG for tandem switching for UNE-P and when TCG in a facilities-based environment provides tandem switching.

(1) 8YY Transit Traffic: Directed Routed

(N)

For direct-routed 8YY Transit Traffic, the tandem switching rate element will be billed. The tandem switching charge is in addition to the 800 Database Service charged described in Section 4.4.

(2) 8YY Transit Traffic: Indirect-Routed

For indirect-routed 8YY Transit Traffic, the following 3 rate elements will be billed: Tandem switching, tandem transport (fixed), tandem transport facility (per mile). These rate elements are in addition to the 800 Database Service Charge described in this section.

(N)

Material previously appearing on this page now appears on Page 34.1

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SECTION 4 - CALL COMPLETION SERVICE CONT'D

4.7 <u>Call Completion Rate Application</u> (Cont'd)

4.7.2 <u>Switched Transport</u> (Cont'd)

D. Common Channel Signaling Access

Common Channel Signaling Access (CCSA) is comprised of a STP Port Termination rate and a STP Link Transport rate.

The STP Port termination rate provides for the point of termination to the signal switching capability of the STP.

The STP Link Transport rate provides for the transmission facilities between the SWC of the customer designated premises and the Company STP. STP Link Transport may be provided by an Interconnector that has a collocated interconnection node in a wire center or other location where one of the Company's STP's is located.

E. Interface Groups

Interface Groups are provided for terminating the Switched Transport at the customer's premises. Each Interface Group provides a specified interface at the customer's facilities, (e.g., DS1, DS3). Where transmission facilities permit, the individual transmission path between the customer's premises and the first point of switching may at the option of the customer be provided with optional features.

Interface Group 6 provides DS1 level digital transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals at a nominal 1.544 Mbps, with the capability to channelize up to 24 voice frequency transmission paths. The interface is provided with individual transmission path bit stream supervisory signaling.

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SECTION 4 - CALL COMPLETION SERVICE CONT'D

4.7 Call Completion Rate Application (Cont'd)

(T)

4.7.2 <u>Switched Transport</u> (Cont'd)

(T)

E. Interface Groups (Cont'd)

(N)

Interface Group 9 provides DS3 level digital transmission at the point of termination at the customer's premises. The interface is capable of transmitting electrical signals at a nominal 44.736 Mbps, with the capability to channelize up to 672 voice frequency transmission paths. The interface is provided with individual transmission path bit stream supervisory signaling.

(N)

F. Nonchargeable Optional Features

- 1. Out of Band Signaling
 - a. This option allows the customer to exchange signaling for FGD call set-up over a communications path which is separate from the message path. This option is provided with SS7 protocol and requires the establishment of a Common Channel Signaling Access Service between the customers SPOI and the Company's STP.
 - b. Out of band signaling is provided in both the originating and terminating direction. Each signaling connection is provisioned for two-way transmission of out of band signaling information.

4.7.3 End Office

(T)

The End Office rate category provides for the local switching and end user/origination and termination functions necessary to complete the transmission of Call Completion Services to and from the end users served by the Company's end offices. The End Office rate category consists of the Call Completion rate element.



A. Call Completion Rate Category

The Call Completion rate element provides for the use of end office switching equipment, terminations for the end user lines terminating in the local end office, and for the termination of calls at a Company Intercept operator or recording when provided on Company switches.



The Call Completion rate element (unbundled) provides for the use of end office switching equipment, terminations for the end user lines terminating in the local end office, and for the termination of calls at a Company Intercept operator or recording when provided using unbundled network elements.



Material previously appearing on this page now appears on Page 37.

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SECTION 4 - CALL COMPLETION SERVICE CONT'D

4.7 <u>Call Completion Rate Application</u> (Cont'd)

4.7.3 End Office (Cont'd)

(T)

(T)

B. Call Completion Volume Discounts

Customers committing to minimum volume requirements for average monthly usage for all Call Completion Services will receive a discount based on the level of commitment for the contracted period of the service. Customers committing to a minimum of 500,000 minutes of use per month will receive a 5% discount; customers committing to a minimum of 2,500,000 minutes of use per month will receive a 10% discount; and, customers committing to a minimum of 6,000,000 minutes of use per month will receive a 15% discount.

Average monthly usage will be calculated using a twelve month rolling average. If the customer fails to meet the committed levels specified in the rate plan chosen, the Company will bill the shortfall minutes in the current billing month at the non-discounted rate.

- C. Nonchargeable Optional Features
 - 1. Automatic Number Identification (ANI)

(Described in 4.4.A preceding) (T)

2. Calling Party Number (CPN)

(Described in 4.4.B preceding) (T)

3. Charge Number (CN)

(Described in 4.4.C preceding) (T)

4. Carrier Selection Parameter (CSP)

(Described in 4.4.D preceding) (T)

5. Common Channel Signaling Access Service (CCSAS)

(Described in 4.4.F preceding) (T)

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(N)

SECTION 4 - CALL COMPLETION SERVICE. CONT'D

4.7 <u>Call Completion Rate Application</u> (Cont'd)

4.7.3 End Office (Cont'd)

D. <u>Chargeable Optional Features</u>

1. 800 Data Base Access Service

a. 800 Data Base Query Charge

The basic query charge is assessed the customer based on the query of the 800+NXX+XXXX number dialed and/or delivered to the customer in conjunction with 800 Data Base Access Service or Toll Free 8YY Transit Traffic Service. 800+NXX+XXXX calls delivered to the customer are based on information derived via queries to the 800 Data Base.

2. Operator Transfer

This option allows end user Customers who dial 0- to be transferred to the Customer's Operator service by TCG operators.

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SECTION 4 - CALL COMPLETION SERVICE. CONT'D

4.7 Call Completion Rate Application (Cont'd)

(T)

4.7.4 Feature Group D Usage Measurement

(T)

For originating calls over FGD with multifrequency address signaling, usage measurement begins when the originating entry switch receives the first wink supervisory signal forwarded from the customer's point of termination. For originating calls over FGD with out of band signaling, usage measurement begins when the last point of switching sends the initial address message to the customer.

The measurement of originating call usage over FGD ends when the originating entry switch receives disconnect supervision from either the end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

For terminating calls over FGD, the measurement of access minutes begins when the entry switch receives answer supervision from the terminating end user's end office indicating the terminating end user has answered.

The measurement of terminating call usage over FGD ends when the FGD entry switch receives disconnect supervision from either the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

For 800 Data Base Access usage measurement begins when the originating end office switch receives the first wink supervisory signal forwarded from the customer's point of termination. 800 Data Base Access usage measurement ends when the originating end office receives on-hook disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the end office.

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SECTION 5 - INTERCONNECTION SERVICE

This Section will be added after the completion of interconnection/compensation negotiations with Ameritech $\boldsymbol{\cdot}$

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SECTION 6 - PRICE SHEET

 $\underline{\text{General}}$ - The prices associated with TCG Ohio's Services are listed by the tariff Section #. For a detailed description of each product offering and affiliated regulations, please refer to the main body of the tariff.

3.6.3 DS3 Service (44.736 Mbps)

3.6.3.1 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.

A. <u>Local Distribution Channel</u>: This rate element applies to each end-point of a transmission channel.

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

B. <u>Interoffice Channel Mileage-Fixed</u>:

Recurring (per month)

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

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3.6.3 <u>DS3 Service (44.736 Mbps)</u>

3.6.3.1 Basic DS3 Service

B. <u>Interoffice Channel Mileaxe-Fixed</u>: (Cont'd) Recurring (per month)

<u> </u>			
<u>Mixed Vendor</u>			
<u>Service</u>	Zone 1	Zone 2	Zone 3
l year	\$2,285	\$2,349	\$2,498
3 years	\$1,161	\$1,204	\$1,234
5 years	\$933	\$965	\$988

C. <u>Interoffice Channel Mileage-Per Mile</u>:

Recurring (per month per mile)

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

D. <u>Volume Discounts - Basic Service - Local Distribution Channel</u> (Per End):

(TEL BIIG	· <u>/</u> •			
# of DS3s		<u>l Year</u>	3 Year	<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

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3.6.3 DS3 Service (44.736 Mbps) (Cont'd.)

3.6.3.1 Basic DS3 Service (Cont'd.)

D. Volume Discounts - Basic Service - Local Distribution Channel (Per End): (Cont'd.)

# of DS3s		<u>l Year</u>	<u>3 Year</u>	<u>5 Year</u>
13-24	Zone 1	\$977	\$735	\$631
	Zone 2	\$998	\$746	\$639
	Zone 3	\$1,045	\$775	\$660

3.6.4 Basic DS1 Service (1.544 Mbps)

3.6.4.1 Local Distribution Channel: \$270.00

Recurring (per month)

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

3.6.4.2 Interoffice Channel Mileage-Fixed:

Recurring (per month)

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

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SECTION 6 - PRICE SHEET CONTINUED

3.6.4.3 Interoffice Channel Mileage-Per Mile:

Recurring (per month per mile)

Basic Service	Zone 1	Zone 2	Zone 3
1 year	\$22	\$22	\$22
3 years	\$15	\$15	\$15
5 years	\$13	\$13	\$13
Mixed Vendor			
l year	\$22	\$22	\$22
3 years	\$15	\$15	\$15
5 years	\$13	\$13	\$13

3.6.5 <u>Hubbed DS1 Service</u>

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:

- DS1 Local Distribution Channels Rated as a standard DS1 Local Distribution Channel.
- 2) Central Office Multiplexing Aggregates the 28 DS1's onto DS3 interoffice facilities.

Monthly Recurring

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

3) DS3 Interoffice Mileage/Local Distribution Channel - Rated as standard DS3 Circuit.

Hubbed DS1 Service Rates: Monthly Recurring

Service	Non-	_		
Configuration	Recurring	<u>l Year</u>	3 Year	<u>5 Year</u>
DS1 Fanout	\$270			
Channel	(Zone 1)	\$163	\$119	\$107
	(Zone 2)	\$169	\$123	\$111
	(Zone 3)	\$181	\$132	\$119
DS3 Channel	\$0.01*			
Between	(Zone 1)	\$2 , 285	\$1,161	\$933
Client	(Zone 2)	\$2,349	\$1,204	\$965
Location/TC	(Zone 3)	\$2,498	\$1234	\$988
Node				
Optional	\$900	\$559	\$501	\$471
DS3/1 Mux				
@ Client				
Location				

^{*} rate currently waived.

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3.6.6. DSO Service

3.6.6.1 Local Distribution Channel

3.6.6.1.1 <u>Non-Recurring Charges</u>

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

3.6.6.1.2 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

3.6.6.2 Interoffice Mileage

2 Wire Voice Grade	Fixed	<u>Per Mile</u>
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 <u>Hubbed DSO Service</u>

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

Hubbed DSO's consist of 3 rate elements:

1) DSO Local Distribution Channels - Rated as a standard DSO Local Distribution Channel.

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2) Central Office Multiplexing - Aggregates the 24 DSO's onto DS1 interoffice facilities.

3) DS1 Interoffice Mileage/Local Distribution Channel - Rated as standard DS1 Circuit

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

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 <u>Individual Case Basis (ICB) Arrangements</u>

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, pursuant to the rules of the Commission.

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(N)

SECTION 6 - PRICE SHEET CONTINUED

4.6 Call Completion Rates

SERVICE ORDERS

Service Component	Non-Recurring Charge
-Installation Charge -Per Line or Trunk	\$931.00
-Access Order Charge - Per Access Request	\$45.00
-Engineering Change Charge - Per Access Request	\$80.00
-Service Date Change - Per Access Request	\$18.00
-Design Change - Per Access Request	\$54.00

SWITCHED TRANSPORT

SWITCHED TRANSPORT		Datas	
	Rates		
Service Component	Non-Recurring	Recurring	
Entrance Facility-DS3	Rate Currently Waived	1 Yr: Zone 1 \$2285\Zone 2 \$2349\Zone 3 \$2498 3 Yr: Zone 1 \$1161\Zone 2 \$1204\Zone 3 \$1234 5 Yr: Zone 1 \$933 \Zone 2 \$ 965\Zone 3 \$ 988	
Entrance Facility-DS1	\$270	1 Yr: Zone 1 \$163 \Zone 2 \$169 \Zone 3 \$181 3 Yr: Zone 1 \$119 \Zone 2 \$123 \Zone 3 \$132 5 Yr: Zone 1 \$107 \Zone 2 \$111 \Zone 3 \$119	
Direct Trunked Transport Mileage	Non-Recurring	Recurring	
-DS3 Fixed -DS3 Per Mile	None None	\$310.00 \$96.00	
-DSl Fixed -DSl Per Mile	None None	\$62.00 \$22.00	
Tandem Switched Transport	Non-Recurring	Per Access Minute	
-Tandem Trans. Fixed -Tandem Trans. Per Mile -Tandem Switching	None None None	\$.000103 (R) \$.000013 (R) \$.001116 (I)	
Common Channel Signaling Access	Non-Recurring	Recurring	
STP Port Termination* (T) (per port) STP Link Transport* (T) (per mile)	Contract Rate None	None Contract Rate	

^{*} Carrier to Carrier contracts are filed and approved by the Commission.

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END OFFICE

Service Component	Originating (\$ Per MOU)	Terminating (\$ Per MOU)
Call Completion - No Minimum Volume	\$.003142(R)	\$.003142(R)
Call Completion Unbundled	\$.003142(R)	\$.003142(R)

800 DATABASE ACCESS

Service Component	Non-Recurring	Per Query
800 Data Base Query	None	\$0.002303(R)

OPERATOR TRANSFER

Service Component	Non-Recurring	Per Call
Operator Transfer (per call)	None	\$0.28

PRESUBSCRIPTION

Service Component	Non-Recurring	Recurring	
Presubscription* (per line, port, or trunk)	\$5.00**	None	(T
			(D

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^{*} Presubscription changes are manual, electronic changes are not available. (N)

^{**} If a customer changes both its interLATA and intraLATA carriers (N) simultaneously, the Company will waive the full intraLATA PIC Change Charge.(N)

(N)

3.9 <u>Customer Transfer Charges</u>

a. For orders requesting the transfer of less than one hundred (100) telephone numbers or less than one hundred (100) DS-0 equivalents:

	Per Request	Per DS-0 Facility	Per DS-1 Fac	ility
			First <u>Facility</u>	Each Add'l Facility
Customer Transfer Charge Expedite Charge, per day	- -	\$ 47.23 \$350.00	\$628.00 \$350.00	\$456.00 -
Supplemental Charge Cancellation Charge	\$16.23 \$16.23			

b. For orders requesting the transfer of more than one hundred (100) telephone numbers or more than one hundred (100) DS-0 equivalents:

	First Hour Or Fraction Thereof	Each Add'l Hour Or Fraction Thereof	
Per Transfer Request	\$175.00	\$50.00	(N)

Issued: November 20, 2002 Effective: December 21, 2002

SECTION 7 - ADDITIONAL ENGINEERING, LABOR AND MISCELLANEOUS SERVICES

All material on this page is new

7.1 MISCELLANEOUS SERVICES

7.1.1 Presubscription

A. <u>Dialing Parity/l+ IntraLata</u>

TCG provides the capability for full 2-PIC (intraLATA toll & interLATA) dialing parity, allowing TCG customers to presubscribe to one carrier for all interLATA calls and to the same or another carrier for all intraLATA toll calls. One interLATA IXC and one intraLATA IXC may be selected for each trunk. TCG has converted all its central offices on a statewide basis.

TCG provides full 2-PIC dialing parity in each LATA in which TCG provides service.

TCG has not yet received a bona fide request from an Interexchange Carrier ("IXC") wishing to provide intraLATA toll service to TCG local service customers. When such a request has been received and implemented, TCG will inform new TCG local service customers of the dialing parity feature and, upon request, will provide customers a randomly ordered list of carriers available to them in their geographic area.

TCG will utilize competitively neutral business office practices when an existing TCG customer contacts TCG to request information on dialing parity or to change to an alternate intraLATA toll carrier. Upon request, TCG will provide customers a randomly ordered lit of intraLATA toll carriers available to them in their geographic area. Unless an existing TCG subscriber requests a change to their presubscribed intraLATA toll carrier ("PTC"), any intraLATA toll traffic will continue to be carried over TCG's network.

Issued: July 7, 1999 Effective: July 7, 1999

SECTION 7 - ADDITIONAL ENGINEERING, LABOR AND MISCELLANEOUS SERVICES

7.1 MISCELLANEOUS SERVICES (Cont'd)

A. Dialing Parity/l+ IntraLata (Cont'd)

TCG will accept customer-initiated or carrier-initiated requests for alternate intraLATA toll carriers. If all necessary access facilities already exist, the PTC selection will be processed within three business days. Should the installation of new access facilities (e.g., from the TCG switch to the IXC or from the customer premises to the TCG switch) be required, the PTC selection will be completed within three business days of the new facilities being fully provisioned and operational. The new facilities will be provisioned within standard provisioning intervals.

At this time, TCG will not impose charges on its customers for presubscribing to an alternate carrier or for changing their PTC selection.

Any carrier that wishes to be listed as a provider of intraLATA toll service must notify TCG at least 30 days before offering service. A carrier that wishes to offer intraLATA toll service to TCG local customers must establish direct interconnection of its network with the TCG network. Other Access Service Request ("ASR") requirements are available from the TCG Carrier Service Center. TCG will implement ASRs that require the installation of new access facilities in accordance with standard provisioning intervals.

Because TCG has not yet received an ASR to provide intraLATA toll dialing parity, TCG has not sent out customer notices regarding its implementation of dialing parity. TCG will provide notice to its subscribers of the availability of intraLATA toll dialing parity by means of a one-time mailing, a copy of which is attached as Exhibit 1. This mailing will be sent within 60 days of the Commission's approval of this plan, provided that at least one ASR has been received from an alternate carrier.

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