

ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Optical Carrier Level n Concatenated (OCnc)

The term "Optical Carrier Level n Concatenated" denotes the physical line or clear channel connection (aka facility) between two locations that is capable, using optical signaling equipment, of replacing multiple payload groupings into one larger payload grouping, resulting in a single communications channel.

(N)

Optical Carrier Rate (OC#)

The term "Optical Carrier Rate" denotes a SONET transmission signal/speed, line rate or service. The rate is in multiples of an OC1, which is equivalent to a Synchronous Transport Signal (STS1), 51.84 Mbps, SONET's basic rate. OC# rate bandwidth capacity is 155.52 Mbps for OC3, 622.08 Mbps for OC12, and 2488.32 Mbps for OC48.

(N)

Originating Direction

The term "Originating Direction" denotes the use of Access Service for the origination of calls from an end user premises to a customer premises.

Overlap Outpulsing

The feature of the exchange access signaling system which permits initiation of pulsing to the customer's premises before the calling subscriber has completed dialing an originating call.

(N)

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Pay Telephone

The term "Pay Telephone" denotes coin or coinless instruments and related facilities that are available to the general public for public convenience and necessity.

Phase Jitter

The term "Phase Jitter" denotes the unwanted phase variations of a signal.

Point of Termination

The term "Point of Termination" denotes a point of demarcation within a customer-designated premises at which the Telephone Company's responsibility for the provision of Access Service ends.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Premises

The term "Premises" denotes a building, or a portion of a building in a multitenant building, or buildings on continuous property (except Railroad Right-of-Way, etc.), not separated by a public highway.

Primary Toll Carrier

The following telephone companies are the Primary Toll Carriers, (all of which are Local Exchange Carriers) for intraLATA service under the Missouri Primary Carrier by Toll Center Plan filed with and as subsequently modified by the Commission: Fidelity, Contel, GTE North, Southwestern Bell and United Telephone.

Query

A query is a request for specific information generated by a computer processor and sent to a data base, with a predefined set of responses expected.

Registered Equipment

The term "Registered Equipment" denotes the customer's premises equipment which complies with and has been approved within the Registration Provisions of Part 68 of the FCC's Rules and Regulations.

Remote Switching Modules and/or Remote Switching Systems

The term "Remote Switching Modules and/or Remote Switching Systems" denotes small, remotely controlled electronic end office switches which obtain their call processing capability from an ESS-type Host Office. The Remote Switching Modules and/or Remote Switching Systems cannot accommodate direct trunks to a customer.

Responsible Organization

The term "Responsible Organization" denotes that entity which is responsible for the management and administration of a TFC service record in the TFC Service Management System.

Return Loss

The term "Return Loss" denotes a measure of the similarity between the two impedances at the junction of two transmission paths. The higher the return loss, the higher the similarity.

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2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Secondary Carrier

Secondary Carrier (SC): A Local Exchange Carrier that does not function as a toll carrier, is compensated for those services provided to Primary Toll Carriers, does not establish toll rates or retain toll revenues and bill end users for intraLATA toll calls at the rates the respective PTC sets.

Service Control Point

A Service Control Point (SCP) is a transaction processor based system that provides a network interface to various data base services.

Service Switching Point

An end office or tandem switch equipped with the signaling link hardware and software that can perform the Signal Point functions. In addition, SSPs can identify the need for application software in processing a Common Channel Signaling/ Signaling System 7 call and request and respond to call processing instructions issued by a Service Control Point.

Seven Digit Manual Test Line

The term "Seven Digit Manual Test Line" denotes an arrangement which allows the customer to select balance, milliwatt and synchronous test lines by manually dialing a seven digit number over the associated access connection.

Short Circuit Test Line

The term "Short Circuit Test Line" denotes an arrangement in an end office which provides for an ac short circuit termination of a trunk or line by means of a capacitor of at least four microfarads.

Signal-to-C-Notched Noise Ratio

The term "Signal-to-C-Notched Noise Ratio" denotes the ratio in dB of a test signal to the corresponding C-Notched Noise.

Signal Transfer Point (STP)

The term "Signal Transfer Point" denotes a packet switch which provides CCS network access and performs CCS message routing and screening.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

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Singing Return Loss

The term "Singing Return Loss" denotes the frequency weighted measure of return loss at the edges of the voiceband (200 to 500 Hz and 2500 to 3200 Hz), where singing (instability) problems are most likely to occur.

Special Order

The term "Special Order" denotes an order for a Billing and Collection Service or an order for a Directory Assistance Service.

Subtending End Office of an Access Tandem

The term "Subtending End Office of an Access Tandem" denotes an end office that has final trunk group routing through that tandem.

Synchronous Test Line

The term "Synchronous Test Line" denotes an arrangement in an end office which performs marginal operational tests of supervisory and ring-tripping functions.

Tandem-Switched Transport

The term "Tandem-Switched Transport" denotes switched access transport from the access tandem to an end office subtending that tandem. Tandem-switched transport consists of circuits used in common by multiple access customers from the tandem to the end office.

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Terminating Direction

The term "Terminating Direction" denotes the use of Access Service for the completion of calls from a customer premises to an end user premises.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Toll Free Code (TFC)

The term "Toll Free Code" denotes a three-digit Numbering Plan Area (NPA) or Area Code that is specifically assigned by the Telecommunications industry for use by Telecommunications Service Providers in the provision of telephone numbers that, unlike traditional telephone numbers and calls, when dialed are toll free to the originating caller. The specific codes assigned and used, or reserved for use, for this purpose are 800, 822, 833, 844, 855, 866, 877, and 888.

Toll Free Code (TFC) Service Management System

The term "Toll Free Code Service Management System" (TFC SMS) denotes the main operations support system used to create and update TFC service records in the national TFC data base

Toll Free Code (TFC) Service Provider

The term "Toll Free Code Service Provider" denotes a telecommunications company, including local exchange carriers and inter-exchange carriers, or a reseller of exchange or interexchange services that offers TFC service to end users.

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2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Toll VoIP-PSTN Traffic

The term "Toll VoIP-PSTN Traffic" denotes a customer's interexchange voice traffic exchanged with the Telephone Company in Time Division Multiplexing format over PSTN facilities, which originates and/or terminates in Internet Protocol (IP) format. "Toll VoIP-PSTN Traffic" originates and/or terminates in IP format when it originates from and/or terminates to an end user customer of a service that requires IP-compatible customer premises equipment.

Transmission Measuring (105 Type) Test Line/Responder

The term "Transmission Measuring (105 Type) Test Line/Responder" denotes an arrangement in an end office which provides far-end access to a responder and permits two-way loss and noise measurements to be made on trunks from a near end office.

Transmission Path

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

Trunk

The term "Trunk" denotes a communications path connecting two switching systems in a network, used in the establishment of an end-to-end connection.

Trunk Group

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

Trunk Side Connection

The term "Trunk Side Connection" denotes the connection of a transmission path to the trunk side of a local exchange switching system.

Two-Wire to Four-Wire Conversion

The term "Two-Wire to Four-Wire Conversion" denotes an arrangement which converts a four-wire transmission path to a two-wire transmission path to allow a four-wire facility to terminate in a two-wire entity (i.e., a central office switch).

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Uniform Service Order Code

The term "Uniform Service Order Code" denotes a three or five character alphabetic, numeric, or a alphanumeric code that identifies a specific item of service or equipment. Uniform Service Order Codes are used in the Telephone Company billing system to generate recurring rates and nonrecurring charges.

V and H Coordinates Method

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

WATS Serving Office

The term "WATS Serving Office" denotes a telephone company designated serving wire center where switching, screening and/or recording functions are performed in connection with the closed-end of WATS or WATS-type services.

Wire Center

The term "Wire Center" denotes a building in which one or more central offices, used for the provision of Telephone Exchange Services, are located.

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ACCESS SERVICE

3. Carrier Common Line Access Service

The Telephone Company will provide Carrier Common Line Access Service to customers.

3.1 General Description

Carrier Common Line Access provides for the use of Telephone Company common lines by customers for access to such end users to furnish Intrastate Communications.

Carrier Common Line Access is provided where the customer obtains Telephone Company Switched Access Service under this tariff.

Switched Access Service is provided to ICs under this tariff which furnish intrastate MTS/WATS and MTS/WATS type service, and in an end office converted to equal access.

In addition, a Special Access Surcharge will apply to intrastate special access service provided by the Telephone Company to a customer, in accordance with regulations as set forth in 7.4.2 following.

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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)

3.2 Limitations

- (A) A telephone number is not provided with Carrier Common Line Access.
- (B) Detail billing is not provided for Carrier Common Line Access.
- (C) Directory listings are not included in the rates and charges for Carrier Common Line Access.
- (D) Intercept arrangements are not included in the rates and charges for Carrier Common Line Access.
- (E) All line side connections provided in the same access group will be limited to the same features and operating characteristics.
- (F) All trunk side connections provided in the same access group will be limited to the same features and operating characteristics.
- (G) Where Special Access Services are connected with Special Access Services at Telephone Company Designated WATS serving offices for the provisioning of WATS or WATS-type Services, Switched Access Service minutes which are carried on that service (i.e., originating minutes for outward WATS and WATS-type services and terminating minutes for inward WATS and WATS-type services) shall not be assessed Carrier Common Line Access per minute charges.

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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)

3.3 Undertaking of the Telephone Company

- (A) Where the customer is provided Switched Access Service under other sections of this tariff, the Telephone Company will provide the use of Telephone Company common lines by a customer for access to end users at rates and charges as set forth in 3.8 following.
- (B) Where the customer is reselling intrastate MTS/WATS, MTS-type and/or WATS-type service(s), the customer may, at the option of the customer, employ ordinary local business exchange service at generally applicable local business exchange rates under the Telephone Company General and/or Local Exchange Tariffs. Switched Access or Carrier Common Line Access charges under this Tariff will not apply for such access except as set forth in Section 6.7, and 3.7. following, provided the underlying carrier that provides the MTS/WATS and/or MTS/WATS-type service(s) which are resold compensates the Telephone company in accordance with the provisions in this tariff. Such compensation shall include charges for which are resold. If the customer wishes to obtain special arrangements such as trunk side service connections for such resale, the customer may, at the option of the customer, obtain Switched Access Service under this Tariff as set forth in Section 6, following. Carrier Common Line Access charges will apply for such access as set forth in 3.7. following.
- (C) When access to the local exchange is required to provide a MTS/WATS-type service using a resold Private Line Service, Switched Access Service Rates and Regulations, as set forth in 6. following will apply. Carrier Common Line Access rates and charges as set forth in 3.8 following apply in accordance with the regulations as set forth 3.7 following.
- (D) The Switched Access Service provided by the Telephone Company includes the Switched Access Service provided for both interstate and intrastate communications and the Carrier Common Line Access rates and charges as set forth in 3.8 following apply in accordance with the rate regulations as set forth in 3.7 following.

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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)

(D)

3.4 Obligations of the Customer

- (A) The Switched Access Service associated with Carrier Common Line Access shall be ordered by the customer under other sections of this tariff.
- (B) The customer facilities at the premises of ordering customer shall provide the necessary on-hook and off-hook supervision.
- (C) Unless the customer reports (1) intrastate use as set forth in (D) following or (2) Feature Group A, B or D Switched Access Service as set forth in (F) following, all Switched Access Service provided to the customer will be subject to Carrier Common Line Access charges.
- (D) When the customer reports interstate and intrastate use of Switched Access Service, the associated Carrier Common Line Access used by the customer for intrastate will be determined as set forth in 3.7 following.
- (E) Where Feature Group C end office switching is provided without Telephone Company recording and the IC records minutes of use used to determine Carrier Common Line Access charges (i.e., Feature Group C operator and TSPS calls such as pay telephone sent-paid, operator-DDD, operator-person, collect, credit-card, third number and/or other like calls), the IC shall furnish such minutes of use detail to the Telephone Company in a timely manner. If the IC does not furnish the data to the Telephone Company, the IC shall identify all Switched Access Services which could carry such calls in order for the Telephone Company to accumulate the minutes of use through the use of special Telephone Company measuring and recording equipment.

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3. Carrier Common Line Access Service (Cont'd)

3.4 Obligations of the Customer (Cont'd)

- (F) When the customer is reselling MTS/WATS and/or MTS/WATS-type service as set forth in 3.3(B) preceding, the customer will be charged the Carrier Common Line Access charges in accordance with the regulations as set forth in 3.7 following if the customer or the provider of the MTS/WATS service furnishes documentation of the MTS/WATS and/or the customer furnishes documentation of the MTS/WATS-type usage. Such documentation supplied by the customer shall be supplied each month and shall identify the involved resold MTS and/or MTS type services.

- (G) When the customer orders Switched Access Service as set forth in (F) preceding, the Telephone Company may request when resold MTS/WATS is involved, a certified copy of the customer's MTS/WATS usage billing from either the customer or the provider of the MTS/WATS Service and/or when resold MTS/WATS-type service is involved, a certified copy of customer's MTS/WATS-type usage billing from either the customer or the provider of the MTS/WATS-type service. The requests for this billing will relate back no more than 12 months prior to the current billing period.

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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)

3.5 Payment Arrangements

- (A) The Telephone company will bill the Carrier Common Line Access. the bill day (i.e., the billing date of the bill) in a month for each customer account will be established by the Telephone Company. Payment is due from the customer 31 days after the bill day date (payment date) or by the next bill date (i.e., same date in the following month as the bill date), whichever is the shortest interval, and is payable in immediately available funds. If such payment day is a Saturday, Sunday or Holiday (i.e., New Year's Day, Independence Day, Labor Day, Thanksgiving Day, Christmas day, the second Tuesday in November, and a day when Washington's Birthday, Memorial Day or Columbus Day is legally observed), payment will be due from the customer as follows:

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3. Carrier Common Line Access Service (Cont'd)

3.5 Payment Arrangements (Cont'd)

(A) (Cont'd)

If such payment date falls on a Sunday or on a Holiday which is observed on a Monday, the payment date shall be the first non-Holiday day following such Sunday or Holiday. If such payment date falls on a Saturday or on a Holiday which is observed on Tuesday, Wednesday, Thursday or Friday, the payment date shall be the last non-Holiday day preceding such Saturday or Holiday.

(B) Further, if any portion of the Carrier Common Line Access payment is received by the Telephone company after the payment date as set forth in the (A) preceding, or if any portion of the Carrier Common Line Access payment is received by the Telephone company in funds which are not immediately available to the Telephone Company, then a late payment penalty shall be due to the Telephone Company. The late payment penalty shall be the portion of the Carrier Common Line Access payment not received by payment date times a late factor. The late factor shall be the lesser of:

(1) the highest interest rate (in decimal value) which may be levied by the law for commercial transactions, compounded daily for the number of days from the payment date to and including the date that the customer actually makes the payment to the Telephone Company or

(2) 0.000407 per day, compounded daily for the number of days from the payment date to and including the date that the customer actually makes the payment to the Telephone Company. (R)

(C) In the event a billing dispute concerning a month's Carrier Common Line Access Billed to the customer by the Telephone Company is resolved in favor of the Telephone Company, any payments withheld pending settlement of the dispute shall be subject to the late payment penalty set forth in (B) preceding. If the customer disputes the bill on or before the payment date, and pays the undisputed amount on or before the payment date, any late payment charge for the disputed amount will not start until 10 days after the payment date. If the billing dispute is resolved in favor

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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)

3.5 Payment Arrangements (Cont'd)

(C) (Cont'd)

of the customer, no late payment penalty will apply to the disputed amount. In addition, if the customer disputes the billed amount and pays the total amount (i.e., the non-disputed amount and the disputed amount) on or before the payment date and the billing dispute is resolved in the favor of the customer, the customer will receive a credit for a disputed amount penalty from the Telephone Company if the billing dispute is not resolved within 10 working days following the payment date or the date the customer furnishes to the Telephone Company documentation to support its claim plus 10 working days, whichever date is the later date. The disputed amount penalty shall be the disputed amount resolved in the customer's favor times a penalty factor.

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d/b/a Embarq

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3. Carrier Common Line Access Service (Cont'd)

3.7 Rate Regulations

- (A) Access minutes will be accumulated using call detail recorded by Telephone Company equipment and Feature Group C operator and TSPS call detail such as pay telephone sent-paid, operator-DDD, operator-person, collect, credit-card, third number and/or other like calls recorded by the customer. The Telephone company measuring and recording equipment will be associated with end office or local tandem switching equipment and will record each originating and terminating access minute where answer supervision is received. The accumulated access minutes will be summed on a line by line basis, by line group or by end office, whichever type of account is used by the Telephone Company, for each customer and then rounded to the nearest minute.

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3. Carrier Common Line Access Service (Cont'd)

3.7 Rate Regulations (Cont'd)

- (B) When an access group has usage that originates from and/or terminates at both end offices that have been converted to equal access and end offices that have not been converted, premium access charge per minute rate as set forth in 3.8 following will apply. The minutes billed Carrier Common Line Access Service charges will be the terminating intrastate access minutes plus the originating intrastate access minutes for such access groups.
- (C) When the MTS and/or MTS-type usage is shown in hours, the number of hours shall be multiplied by 60 to develop the associated MTS and/or MTS-type minutes of use. If the MTS and/or MTS-type usage is shown in a unit that does not show hours or minutes, the customer shall provide a factor to convert the shown units to minutes.
- (D) When the customer reports interstate and intrastate inter-LATA and intrastate intraLATA use of Switched Access Service, the Carrier Common Line Access Charges in this tariff will be billed only to intrastate interLATA and intrastate intraLATA Switched Access Service access minutes based on the data reported by the customer as set forth in 2.3.14 preceding. The intrastate interLATA and intrastate intraLATA Switched Access Service access minutes will be used to determine Carrier Common Line Charges as set forth in (E) following.
- (E) The access minutes for all premium rated Switched Access Service subject to Carrier Common Line charges will be multiplied by the Premium Access per minute rate as set forth in 3.8 following to determine the charges.

Terminating Access, per minute charge(s) apply to all terminating access minutes of use.

Terminating Access, per minute charge(s) apply to all originating access minutes of use associated with calls placed to 700, TFC and 900 numbers, less those originating access minutes of use associated with calls placed to 700, TFC and 900 numbers for which the customer furnishes for each month a report of either the number of calls or minutes, or a report of the percent of calls or minutes that terminate in a Switched Access Service that is assessed Carrier Common Line charges.

Originating Access per minute charge(s) apply to all originating access minutes of use.

Originating Access, per minute charge(s) apply less all originating access minutes of use associated with calls placed to 700, TFC and 900 numbers; plus all originating access minutes of use associated with calls placed to 700, TFC and 900 numbers for which the customer furnishes for each month a report of either the number of calls or minutes, or a report of the percent of calls or minutes that terminate

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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)3.7 Rate Regulations (Cont'd)

in a Switched Access Service that is assessed Carrier Common Line charges, and for which a corresponding reduction in the number of terminating access minutes of use has been made.

- (F) When the customer orders a combined access group to be used in conjunction with the resale of MTS/WATS and/or MTS/WATS-type services as set forth in 3.3 preceding, subject to the limitations as set forth in 3.2, preceding, and the Telephone Company receives the usage information required to calculate the proration as set forth in 3.4. F., preceding, the customer will be billed as set forth in 3.7(F)(1) following. When more than one combined access group is provided in a LATA, the Telephone Company will apportion the resold MTS/WATS and/or MTS/WATS-type services and originating minutes of use among the combined access groups. Such apportionment will be based on the relationship of the originating usage for each combined access groups in the LATA. The involved resold minutes shall be only intrastate outward MTS, MTS-type, WATS and WATS-type minutes and shall not include collect, third number, credit card or interstate minutes of use.

In order for the rate regulations to apply as set forth following, the combined access group and the resold MTS/WATS and/or MTS/WATS-type services must be provided in the same state in the same LATA, provided by the same Telephone Company and connected directly or indirectly. For those LATAs that have more than one state, the customer shall report the information by state within the LATA.

Each of the combined access groups arranged in a multiline hunt group used by the customer in association with the resold MTS/WATS and/or MTS/WATS-type services must be connected either directly or indirectly to the customers' designated premises at which the resold MTS/WATS and/or MTS/WATS-type services are terminated. Direct connections are those arrangements where the combined access groups and resold MTS/WATS and/or MTS/WATS-type services are terminated at the same customers' designated premises. Indirect connections are those arrangements where the combined access groups and resold MTS/WATS and/or MTS/WATS-type are terminated at different customer designated premises in the same LATA. Such different customer designated premises are connecting by facilities that permit a call to flow from combined access groups to resold MTS/WATS and/or MTS/WATS-type services.

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3. Carrier Common Line Access Service (Cont'd)

3.7 Rate Regulations (Cont'd)

(F) (Cont'd)

The adjustments as set forth following will be computed separately for each combined access group.

(1) Combined Access Groups

When combined access groups are provided in a LATA, the following regulations apply:

- (a) One intrastate MTS/WATS-type Feature Group A Switched Access Service for each resold intrastate WATS and WATS-type service reported as set forth in 3.4.(F)., preceding, and c.d. and e., following, will be billed local business exchange service rates. The exchange involved shall be the exchange in which the service provided.
- (b) For MTS/WATS-type Feature Group A provided in a combined access group, the minutes billed will be all the terminating intrastate access minutes and any adjusted originating intrastate access minutes for such combined access groups. The adjusted originated minutes billed will be the originating intrastate access minutes less the reported resold service(s) originating minutes of use.
- (c) The number of line side Switched Access Services billed at local business exchange service rates shall not exceed the number of line side connections provided in line side combined access groups in service in a LATA.
- (d) No local Measured Service minutes are billed for terminating usage because all the terminating access minutes are billed Switched Access Service access minutes.

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April 30, 2007

ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)

3.7 Rate Regulations (Cont'd)

(F) (Cont'd)

(1) Combined Access Groups-(Cont'd)

(e) For the first month a combined access group is in service each associated resold WATS and WATS-type service will be assumed to have 2500 or more originating intrastate minutes of use. After the first month that both the combined access group and the associated resold WATS and WATS-type services are in service, each resold WATS and Wats-type service shall have 2500 or more originating intrastate minutes of use per month on average. If the average originating intrastate usage per service for each resold WATS and WATS-type service group does not equal 2500 originating minutes of use in any month, then for combined access billing purposes, the number of WATS and WATS-type services for which local business exchange service rates will be applicable will be reduced until the average originating intrastate usage per month for the remaining services equals or exceeds 2500 originating intrastate minutes. The number of originating minutes per month per resold WATS and WATS-type services will be developed by adding the resold outward MTS and MTS-type minutes to the resold originating WATS and WATS-type minutes and dividing the resulting sum per service group by the number of services in the group.

(2) Any adjustment will be made to the involved customer account no later than either the next bill date, or the one subsequent to that, depending on when the usage report is obtained.

(3) When the resold service(s) usage is shown in hours, the number of hours shall be multiplied by 60 to develop the associated WATS-type and WATS minutes of use. If the resold service(s) usage is shown in a unit that does not show hours or minutes, the customer shall provide a factor to convert the shown units to minutes.

(4) The adjusted originating intrastate access minutes for Carrier Common Line Access, that are billed to a customer in a monthly period, shall not be less than zero.

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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)

3.7 Rate Regulations (Cont'd)

(F) (Cont'd)

(5) If the required documentation is not received by the Telephone Company, as described in 3.4.F. preceding, for any subsequent month, no adjustment or credit will be made until the required documentation is delivered to the Telephone company by the customer.

(G) When the customer reports interstate and intrastate use of Switched Access Service, the intrastate Switched Access Service access minutes will be billed interLATA or intraLATA Carrier Common Line Charges based on the date reported by the customer as set forth in 2.3.14 (A) and 2.3.15. The appropriate intrastate Switched Access Service access minutes will, after adjustment as set forth in 3.7.F preceding, when necessary, be used to determine the Carrier Common Line Charges.

3.8 Rates and Charges

The rate for interLATA Carrier Common Line Access is:

| | Rate Per Access Minute | |
|--------------------------------------|------------------------|-----|
| - Terminating | \$0.000000 | |
| - Originating – Toll Free | \$0.000000 (R) | (C) |
| - Originating – Non Toll Free | \$0.029494 | (C) |

The rate for intraLATA Carrier Common Line Access is:

| | Rate Per Access Minute | |
|--------------------------------------|------------------------|-----|
| - Terminating | \$0.000000 | |
| - Originating– Toll Free | \$0.000000 (R) | (C) |
| - Originating – Non Toll Free | \$0.029494 | (C) |

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ACCESS SERVICE

4. Reserved For Future Use

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service

5.1 General

This section sets forth the regulations and order related charges for Access Orders for Switched and Special Access Services. These charges are in addition to other applicable charges as set forth in other sections of this tariff.

An Access Order is an order to provide the customer with Switched Access Service or Special Access Service or to provide changes to existing services.

5.1.1 Ordering Conditions

A customer may order any number of services of the same type and between the same premises on a single Access Order. All details for services for a particular order must be identical except for those for multipoint service.

The customer shall provide all information necessary for the Telephone Company to provide and bill for the requested service. In addition to the order information required in 5.2 following, the customer must also provide:

- Customer name and premises address(es).
- Billing name and address (when different from customer name and address).
- Customer's contact name(s) and telephone number(s) for the following provisioning activities: order negotiation, order confirmation, interactive design, installation and billing.

Orders for Feature Group A Switched Access Service shall be in lines.

Orders for Feature Groups B, C and D Switched Access Service must specify the number of trunks required. In addition, the order must indicate whether the Switched Transport ordered is for Entrance Facilities, Direct-Trunked Transport and/or Tandem-Switched Transport. For Direct-Trunked Transport, the order must specify the facility Hubs involved, channel type, channel interface, and any options desired.

(C)
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(C)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.1 General (Cont'd)

5.1.1 Ordering Conditions (Cont'd)

The order date, which is known as the Application Date, is the date on which the Telephone Company receives a firm commitment and sufficient information from the customer to allow processing of the Access Order. The customer is advised of the Application Date at the time the Telephone Company gives the customer a firm order confirmation.

5.1.2 Provision of Other Services

- (A) Testing Service, Additional Labor, Restoration Priority and Special Facilities Routing may be ordered with an Access Order or as set forth in (B) following. The rates and charges for these services, as set forth in other sections of this tariff, will apply in addition to the ordering charges set forth in this section and the rates and charges for the Access Service with which they are associated.
- (B) With the agreement of the Telephone Company, the items listed in (A) preceding may subsequently be added to the order at any time, up to and including the service date for an Access Service. When added subsequently, charges for a design change as set forth in 5.2.2(C) following will apply when an engineering review is required.
- (C) Additional Engineering is not an ordering option, but will be applied to an Access Order when the Telephone Company determines that Additional Engineering is necessary to accommodate a customer request. Additional Engineering will only be required as set forth in 13.1 following. When it is required, the customer will be so notified and will be furnished with a written statement setting forth the justification for the Additional Engineering as well as an estimate of the charges. If the customer agrees to the Additional Engineering, a firm order will be established. If the customer does not want the service or facilities after being notified that Additional Engineering

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.1 General (Cont'd)

5.1.2 Provision of Other Services (Cont'd)

(C) (Cont'd)

of Telephone Company facilities is required, the order will be withdrawn and no charges will apply. Once a firm order has been established, the total charge to the customer for the Additional Engineering may not exceed the estimated amount by more than 10%.

The regulations, rates and charges for Additional Engineering are as set forth in 13.1 following and are in addition to the regulations, rates and charges specified in this section.

5.1.3 Special Construction

The regulations, rates and charges for special construction are set forth in Section 14. following, and are in addition to the regulations, rates and charges specified in this section.

5.2 Access Order

An Access Order is used by the Telephone Company to provide a customer Access Service as follows:

- Switched Access Services as set forth in 6. following,
- Special Access Services as set forth in 7. following, and
- Other Services as set forth in 5.1.2 preceding.

When placing an order for Access Service, the customer shall provide, at a minimum, the following information:

- For Feature Group A Switched Access Service, the customer shall specify the number of lines and the first point of switching (i.e., dial tone office), the directionality of the service and the Switched Transport and Local Switching options desired. In addition, the customer shall also specify which lines are to be arranged in multiline hunt group arrangements and which lines are to be provided as single lines.

(C)

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

- The customer shall also specify that the Feature Group A is to be provided with an extension to a different exchange, if applicable. When such an extension is specified on the order, the customer must also specify the customer's premises in the different exchange with the Switched Access Feature Group A, at which the FGA extension is to be terminated.
- When FGA is ordered in a multi-Telephone Company provided Extended Area Service area or FGB is ordered in a multi-Telephone Company access tandem arrangement, the customer must provide a copy of the order to all Secondary Exchange Carriers. Each Exchange Carrier will bill as set forth in 2.4.8 preceding.
- For Feature Group B Switched Access Service, the customer shall specify the number of trunks and the end office when direct routing to the end office is desired or the access tandem switch when routing is desired via an access tandem switch and Local Transport options and Local Switching options desired. When ordering FGB trunks to an access tandem, the customer must also provide the Telephone Company an estimate of the amount of traffic it will generate to and/or from each end office subtending the access tandem to assist the Telephone Company in its own efforts to project further facility requirements. In addition, the customer shall also specify for terminating only access minutes whether the trunks are to be arranged in trunk group arrangements or provided as single trunks. The traffic type must also be specified using the same categories as described in 6.1.1(E) following, to enable efficient provisioning and billing functions.
- For Feature Group C and D Switched Access Service, the customer shall specify the number of trunks and the end office when direct routing to the end office is desired or the access tandem switch when routing is desired via an access tandem switch and the Switch Transport and Local Switching options desired. When ordering FGC or FGD trunks to an access tandem, the customer must also provide the Telephone Company an estimate of the amount of traffic by type it will generate to and/or from each end office subtending the access tandem to assist the Telephone Company in its own efforts to project further facility requirements. The basic traffic type must also be specified using the same categories as described in 6.1.1(E) following, to enable efficient provisioning and billing functions.
- When a customer orders FGD, the customer is responsible to assure that sufficient access facilities have been ordered to handle its traffic.

(N)
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5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

- the same categories as described in 6.1.1(E) following, to enable efficient provisioning and billing functions. When a customer orders FGD, the customer is responsible to assure that sufficient access facilities have been ordered to handle its traffic.
- For all Special Access Services, the customer must specify the customer designated premises or Hubs involved, the type of service (e.g., Voice Grade, High Capacity, etc.), the channel interface, technical specification package and options desired. For multipoint services, the channel interface at each premises may, at the request of the customer, be different but all such interfaces shall be compatible.

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

- When a customer desires Switched Access Service to an end office that is a remote switching office, the customer must order to the host office which controls the remote switching office since all traffic to and/or from a remote switching office must be routed through the host office.
- For WATS Access Line Service the customer must also specify the type of calling (i.e., originating only or terminating only) for which the service is to be provided, the type of WAL (i.e., interLATA only or jointly provisioned WAL), the TFC telephone number the customer has assigned to the terminating WATS Access Line Service, the type of address signaling and the type of supervisory signaling. When WATS Access Line Service is ordered for use in terminating TFC Access Service traffic, the customer shall specify the Switched Access Feature Group that will carry this terminating traffic. When Feature Group A (FGA) access is used in conjunction with WATS Access Line Service, the customer must also identify the FGA seven digit local telephone number used to complete the TFC Access Service calls. Additionally, when the necessary screening functions are not provided at the wire center which serves the customer's originating or terminating premises, the Telephone Company will provide the service to the nearest wire center where capacity exists. In these circumstances, the customer will be so notified and the order will be changed to designate the appropriate premises. No charge will apply for the change. In addition, the customer must specify that the WATS Access Line is to be provided with an extension in the same or a different LATA, if applicable. When such an extension is specified, the customer must provide either (1) the end user premises (for an intraLATA extension) or (2) the customer-designated premises (for an extension in a different LATA) to which the extension is to be provided.
- For Toll Free Code (TFC) Access Service, the customer shall order in the same manner which is set forth preceding for ordering Feature Group D, except that customers may request direct connections to only those end offices and access tandems equipped with TFC Service Switching Point (TFC SSP) functionality. All TFC traffic originating from end offices not equipped with the TFC SSP function must be routed via an access tandem at which the function is available and the TFC Access Service must be ordered accordingly. TFC SSP locations are identified in the National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4. The TFC Access Service customer must advise its Responsible Organization or the TFC Service Management System (TFC SMS) whether the TFC to Local Exchange Number Translation optional

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

feature set forth in Section 6.2.5 following is desired. When the TFC to Local Exchange Number Translation feature is to be delivered to the customer, the customer must provide, via the TFC record in the TFC SMS, the ten digit local exchange number (NPA-NXX-XXXX) to be associated with the translated TFC number. If the TFC to Local Exchange Number Translation optional feature is used, the customer will be unable to determine that such calls originated as 1+TFC-NXX-XXXX dialed calls unless the customer also orders the Flexible Automatic Number Identification (Flex ANI) optional feature.

In addition, when a local exchange number is to be delivered to the TFC Access Service customer, the customer must provide to its Responsible Organization or to the TFC Service Management System (TFC SMS), the ten digit local exchange number to be associated with the translated TFC number.

If the customer desires any of the TFC Data Base Optional Service Features described in Section 6.2.5, the customer must enter this information into the TFC SMS or provide the information to its Responsible Organization for handling. Optional features are not available to customers of interexchange carriers for use in connection with interLATA TFC services.

For Interim 500 or 900 Access Service, the customer shall order in the same manner which is set forth preceding for ordering Feature Group D, except that customers may request direct connections to only those end offices designated by the Telephone Company as Interim 500 or 900 Access Service screening offices. Additionally, when new NXX(s) are to be opened in the state, for exchanges served by the Telephone Company, or when existing NXX(s) are to be deleted, and such change is to occur coincident with the service date established for the order, the customer shall provide such information when placing the order for service. If the change is to occur absent the requirement for additional capacity (i.e., quantities of trunks), the customer shall notify the Telephone Company of the change as set forth in 6.6.1(C) and 6.6.1(D) following. All 500 or 900 number assignments and administration shall be in accordance with the North American Numbering Plan (NANP).

When Switched Access Service is ordered in trunks, the trunks may be determined by the customer in the following manner. For each day the customer shall determine the highest number of trunks in use for a single hour. The customer shall, for the same hour period (i.e., busy hour), pick the twenty consecutive business days in a

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

calendar year which add up to the largest number of trunks in use. The customer shall then determine the average busy hour trunks by dividing the largest number of trunks in use figure, for the same hour period, for the consecutive twenty business day period by 20. This computation shall be performed for each end office and/or access tandem the customer wishes to serve.

Where the Special Access Service is exempt from the Special Access Surcharge as set forth in 7.4.2 following, the customer shall furnish with the order the certification as set forth in that section.

5.2.1 Access Order Service Date Intervals

Access Service is provided with one of the following Service Date Intervals:

- Standard Interval
- Negotiated Interval

To the extent the Access Service can be made available with reasonable effort, the Telephone Company will provide the Access Service in accordance with the customer's requested interval, subject to the following conditions:

(A) Standard Interval

A schedule of Standard Intervals applicable for Switched and Special Access Services is included in 5.6 following. The schedule specifies the services and quantities that can be provided within Standard Intervals.

Access Services provided with a standard interval will be installed during Telephone Company business day. If a customer requests that installation be done outside of normally scheduled working hours, and the Telephone Company agrees to this request, the customer will be subject to applicable Additional Labor Charges as set forth in 13.2.6 following.

(B) Negotiated Interval

The Telephone Company will negotiate a service date interval with the customer when:

- (1) There is no Standard Interval for the service,
- (2) The quantity of Access Services ordered exceeds the quantities specified in the standard intervals in 5.6, or
- (3) The customer requests a service date beyond the applicable Standard Interval service date.

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5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.1 Access Order Service Date Intervals (Cont'd)

(B) Negotiated Interval (Cont'd)

The Telephone Company will offer a service date based on the type and quantity of Access Services the customer has requested. The Negotiated Interval may not exceed by more than six months the Standard Interval Service date, or, when there is no Standard Interval, the Telephone Company offered service date.

All services for which rates are applied on an individual case basis are provided with a Negotiated Interval.

5.2.2 Access Order Modifications

The customer may request a modification of its Access Order at any time prior to notification by the Telephone Company that service is available for the customer's use. The Telephone Company will make every effort to accommodate a requested modification when it is able to do so with the normal work force assigned to complete such an order within normal business hours. If the modification cannot be made with the normal work force during normal business hours, the Telephone Company will notify the customer. If the customer still desires the Access Order modification, the Telephone Company will schedule a new service date. All charges for Access Order modifications will apply on a per access order basis.

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5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.2 Access Order Modifications (Cont'd)

When Telephone Company personnel are dispatched to install a customer's service on the requested service date, and the customer advises the Telephone Company personnel that service cannot be accepted at that time, the customer shall be responsible for payment of additional labor charges for the time incurred by Telephone Company personnel. The additional labor charges will be applied on per half hour, per technician basis as set forth in 13.2 following.

Any increase in the number of Special Access Service channels or Switched Access Service lines or trunks will be treated as a new Access Order (for the increased amount only).

If order modifications are necessary to satisfy the transmission performance for a Special Access Service ordered by a customer, these changes will be made without order modification charges being incurred by the customer.

(A) Service Date Change Charge

Access Order service dates for the installation of new services or rearrangements of existing services may be changed, but the new service date may not exceed the original service date by more than 60 calendar days. When, for any reason, the customer indicates that service cannot be accepted for a period not to exceed 60 calendar days, and the Telephone Company accordingly delays the start of service, a Service Date Change Charge will apply. If the customer requested service date is more than 60 calendar days after the original service date, the order will be canceled by the Telephone Company and reissued with the appropriate cancellation charges applied unless the customer indicates that billing for the service is to commence as set forth in 5.2.3(A) following. (C) (C) (C)

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5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.2 Access Order Modifications (Cont'd)

(A) Service Date Change Charge (Cont'd)

A new service date may be established that is prior to the original standard or negotiated interval service date if the Telephone Company determines it can accommodate the customer's request without delaying service dates for orders of other customers. If the service date is changed to an earlier date, the customer will be notified by the Telephone Company that Expedited Order Charges as set forth in (D) following will apply. Such charges will apply in addition to the Service Date Change Charge.

A Service Date Change Charge will apply, on a per order occurrence basis, for each service date changed. The applicable charge is:

| | <u>Switched Access Charge *</u> | <u>Special Access Charge</u> | (T) (T) (T) |
|-----------------------------------------|-----------------------------------------|--------------------------------------|-------------------|
| Service Date Change Charge per order | \$0.00 (R) | \$11.00 | (C) (C) |

(B) Partial Cancellation Charge

Any decrease in the number of ordered Special Access Service channels or Switched Access Service lines or trunks will be treated as a partial cancellation and the charges as set forth in 5.2.3(C) following will apply.

* This flat rated charge was calculated based upon a 50/50 split between originating and terminating. The FCC in their FCC 11-161 ICC Transformation Order in Section 51.907(d)(1) allowed Price Cap Carriers to use an equal split to divide the charge between originating and terminating elements. When the terminating portion of the rate is reduced and then combined with the originating portion of the rate, a single flat rate is generated for billing purposes.

(N)
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(N)

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.2 Access Order Modifications (Cont'd)

(C) Design Change Charge

The customer may request a design change to the service ordered. A design change is any change to an Access Order which requires engineering review. An engineering review is a review by Telephone Company personnel of the service ordered and the requested changes to determine what changes in the design, if any, are necessary to meet the changes requested by the customer. Design changes include such things as the addition or deletion of optional features or functions or a change in the type of Transport Termination (Switched Access only), type of channel interface, type of Interface Group or technical specification package. Design changes do not include a change of customer premises, end user premises, end office switch, Feature Group type or Special Access Service channel type. Changes of this nature will require the issuance of a new order and the cancellation of the original order with appropriate cancellation charges applied.

The Telephone Company will review the requested change, notify the customer whether the change is a design change, if it can be accommodated and if a new service date is required. If the customer authorizes the Telephone Company to proceed with the design change, a Design Change Charge will apply. The Design Change Charge will apply on a per order occurrence basis, for each order requiring a design change. The applicable charge is:

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5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.2 Access Order Modifications (Cont'd)

(C) Design Change Charge (Cont'd)

| | | | |
|------------------------|--------------------|---------------|-----|
| | Switched | Special | (T) |
| | Access | Access | (T) |
| | <u>Charge *</u> | <u>Charge</u> | (T) |
| Design Change Charge * | | | |
| Per Order | \$12.30 (I) | \$11.00 | (C) |

(D) If, as a result of the charge, the original service date cannot be met without the Telephone Company incurring additional labor, and the customer provides authorization to the Telephone Company to proceed, then the charges as set forth in Section 13 will apply. If the customer is unwilling to pay such costs, the service date must be changed in accordance with (A) preceding as a result of the design change.

Expedited Order Charge

When placing an Access Order for service(s) for which standard intervals exist, a customer may request a service date that is prior to the standard interval service date. A customer may also request an earlier service date on a pending standard or negotiated interval Access Order. If the Telephone Company agrees to provide service on an expedited basis, an Expedited Order Charge will apply.

If the Telephone Company is subsequently unable to meet an agreed upon expedited service date, no Expedited Order Charge will apply unless the missed service date was caused by the customer.

* This flat rated charge was calculated based upon a 50/50 split between originating and terminating. The FCC in their FCC 11-161 ICC Transformation Order in Section 51.907(d)(1) allowed Price Cap Carriers to use an equal split to divide the charge between originating and terminating elements. When the terminating portion of the rate is reduced and then combined with the originating portion of the rate, a single flat rate is generated for billing purposes.

(N)
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(N)

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.2 Access Order Modification (Cont'd)

Expedited Order Charge (Cont'd)

If the Telephone Company receives a request for an expedited service date at the time a Standard Interval Access Order is placed, the Expedited Order Charge is calculated by summing all the nonrecurring charges associated with the order and then dividing this total by the number of days in the Standard Interval, as specified in 5.6 following. The charge is then applied on a per day of improvement basis, per order, but in no event shall the charge exceed fifty percent of the total nonrecurring charges associated with the Access Order.

When the Telephone Company receives a request for expediting a pending standard or negotiated interval Access Order, the Expedited Order Charge is based on the extent to which the Access Order has been processed at the time to the Telephone Company agrees to the service date improvement and is calculated as follows:

- Based on the critical dates associated with the Access Order, as defined in 5.2.3(C)(4)(b) following, the Telephone Company will determine which critical date will be next completed on the order.
- Using the table of 5.2.3(C)(4)(d) following and the critical date as determined above, the Telephone Company will determine the percent of the provisioning interval not yet completed.
- The Telephone Company will apply this percentage to the sum of all the nonrecurring charges associated with the order and divide this sum by the number of days remaining in the original service interval.
- The per day charges so developed will then be applied on a per day of improvement basis, per order, but in no event shall the charge exceed fifty percent of the total nonrecurring charges associated with the Access Order.

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5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.2 Access Order Modifications (Cont'd)

Expedited Order Charge (Cont'd)

The Expedited Order Charge presumes that all requests for expediting result only in overtime labor costs being incurred by the Telephone Company. If costs other than such overtime labor are to be incurred when an Access Order is expedited, the Telephone Company will develop and quote such costs to the customer, obtain customer authorization and bill the customer in accordance with the special construction terms and conditions of Section 14 following.

When the request for expediting occurs subsequent to the Application Date of the Access Order, a Service Date Change Charge as set forth in (A) preceding also applies.

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.3 Cancellation of an Access Order

(A) A customer may cancel an Access Order for the installation of service at any time prior to notification by the Telephone Company that service is available for the customer's use. The cancellation date is the date the Telephone Company receives written or verbal notice from the customer that the order is to be canceled. The verbal notice must be followed by written confirmation within 10 days. If a customer or a customer's end user is unable to accept Access Service within 30 calendar days of the latest agreed upon service date, the customer has the choice of the following options:

(C)
(C)

- The Access Order will be canceled and charges set forth in (C) following will apply if the service has not been fully provisioned; or

(C)

- The Access Order will be completed and billing for the service will commence if the service has been fully provisioned or the customer has indicated that billing for the service should begin.

(C)

(D)

(D)

(B) Reserved For Future Use

(C) When a customer cancels an Access Order for the installation of service, a Cancellation Charge will apply as follows:

(1) Costs incurred in conjunction with the provision of Switched or Special Access Service starts on the Application Date as defined in (4)(b) following.

(2) When the customer cancels an Access Order prior to the Scheduled Issue Date, as defined in (4)(b) following, no charges shall apply.

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Service Commission
JI-2017-0177

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.3 Cancellation of an Access Order (Cont'd)

(C) (Cont'd)

- (3) When the customer cancels an Access Order on or after the Scheduled Issue Date, a charge equal to the estimated costs incurred by the Telephone Company shall apply. Such charge is determined as specified in (4) following.
- (4) Charges applicable as specified in (3) preceding are based on the estimated costs incurred by the Telephone Company at the time the order is canceled. The estimated costs incurred are determined based on the following:
 - (a) Certain Telephone Company critical dates are associated with an Access Order provisioning interval, whether standard or negotiated. These dates are used by the Telephone Company to monitor the progress of the provisioning process. At any point in the Access Order interval the Telephone Company is able to determine which critical date was last completed and can thus determine what percentage of the Telephone Company's provisioning costs have been incurred as of that critical date.
 - (b) The critical dates tracked by the Telephone Company are as follows:
 - Application Date (APP): The date the customer provides a firm commitment and sufficient information as detailed in 5.1 preceding to the Telephone Company. This is also the order date.

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.3 Cancellation of an Access Order (Cont'd)

(C) (Cont'd)

(4) (Cont'd)

(b) (Cont'd)

- Scheduled Issue Date (SID): The date that the order is to be entered in the Telephone Company's order distribution system.
- Design Layout Report Date (DLRD): The date the Design Layout Report (DLR) is to be forwarded to the customer.
- Confirming the Design Layout Report Date (CDLRD): The date the Design Layout Report (DLR) is to be confirmed by the customer.
- Records Issue Date (RID): The date that all design and assignment information is to be sent to the central office and installation forces.
- Wired and Office Tested Date (WOT): The date by which all intraoffice wiring is to be completed, all plug-ins optioned, aligned, and frame continuity established, and the interoffice facilities, if applicable, tested. In addition, switching equipment, including translation loading, is to be installed and tested.
- Plant Test Date (PTD): The date on which overall testing of the service is to be started.
- Service Date (DD): The date on which service is to be made available to the customer. This is sometimes referred to as the Due Date.

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.3 Cancellation of an Access Order (Cont'd)

(C) (Cont'd)

(4) (Cont'd)

(c) The percentage of the total provisioning cost incurred by the Telephone Company at a particular critical date varies by the type of service as shown in (d) following.

(d) When a customer cancels an Access Order, or part of an Access Order, before the service date, the Telephone Company will apply cancellation charges to the order by multiplying all the nonrecurring charges associated with the order, or that part of the order being canceled, by the percentage shown following for the critical date last completed on the order:

| | <u>APP</u> | <u>SID</u> | <u>DLRD</u> | <u>RID</u> | <u>WOT</u> | <u>PTD</u> | <u>DD</u> |
|-----|------------|------------|-------------|------------|------------|------------|------------------------------|
| FGA | 0% | 45% | 65% | 90% | 98% | 100% | MINIMUM PERIOD CHARGES APPLY |
| FGB | 0% | 15% | 25% | 80% | 98% | 100% | " |
| FGC | 0% | 15% | 25% | 80% | 98% | 100% | " |
| FGD | 0% | 15% | 25% | 80% | 98% | 100% | " |
| WAL | 0% | 45% | 65% | 90% | 98% | 100% | " |
| MT | 0% | 45% | 65% | 90% | 98% | 100% | " |
| TG | 0% | 45% | 65% | 90% | 98% | 100% | " |
| VG | 0% | 45% | 65% | 90% | 98% | 100% | " |
| AP | 0% | 45% | 65% | 90% | 98% | 100% | " |
| TV | 0% | 45% | 65% | 90% | 98% | 100% | " |

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.3 Cancellation of an Access Order (Cont'd)

(C) (Cont'd)

(4) (Cont'd)

(d) (Cont'd)

| | <u>APP</u> | <u>SID</u> | <u>DLRD</u> | <u>RID</u> | <u>WOT</u> | <u>PTD</u> | <u>DD</u> |
|----|------------|------------|-------------|------------|------------|------------|---------------------------------------|
| WA | 0% | 45% | 65% | 90% | 98% | 100% | Minimum Period Charges Apply |
| WD | 0% | 45% | 65% | 90% | 98% | 100% | |
| DA | 0% | 45% | 65% | 90% | 98% | 100% | |
| HC | 0% | 45% | 65% | 90% | 98% | 100% | |

(D) When a customer cancels an order for the discontinuance of service, no charges apply for the cancellation.

(E) If the Telephone Company misses a service date by more than 30 days due to circumstances over which it has direct control (excluding, e.g., acts of God, governmental requirements, work stoppages and civil commotions), the customer may cancel the Access Order without incurring cancellation charges.

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.4 Selection Of Facilities For Access Orders

- (A) When a customer places an Access Order, it may choose to utilize facilities previously purchased as a facility to a Hub. If the customer has a high capacity interface for use with Switched Access Service Interface Groups 6 and 9, or has a Special Access Service facility purchased to a Hub, the customer must request that specific channels be used to implement the Access Order. If a facility assignment is not specified by the customer, the Telephone Company will provide the service from available inventory as discussed in 5.3 following.
- (B) For all other Access Orders, the option to request a transmission path or channel is not provided except as provided for under Special Facilities Routing as set forth in 11. following.

5.2.5 Minimum Period

- (A) Except as set forth in (B), (C), 7.4.4, 8.1.5(B), 8.3.5(A), 9.4(A) and 13.3.5(C)(1)(b), (c) and (d) following, the minimum period for which Access Service is provided and for which charges are applicable, is one month.
- (B) The minimum period for Switched Access Service Feature Group D is three months.
- (C) Reserved for Future Use

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.5 Minimum Period (Cont'd)

- (D) Service Rearrangements as set forth in 6.7.1(C)(3) and 7.4.1(C)(3) following for Switched and Special Access Services respectively, may be made without a change in minimum period requirements.
- (E) Changes other than those identified in 6.7.1(C)(3) or 7.4.1(C)(3) following will be treated as a discontinuance of the existing service and an installation of a new service. All associated nonrecurring charges will apply for the new service. A new minimum period will be established for the new service. The customer will also remain responsible for all outstanding minimum period obligations associated with the disconnected service.

The changes listed below are those which will be treated as a discontinuance and installation of service and for which a new minimum period will be established.

- (1) A change of customer of record (i.e., Access Service is provided to and billed to a different entity).
- (2) A move to a different building as set forth in 6.7.7(B) or 7.4.5(B) following.
- (3) A change in type of service (i.e., Switched Access to Special Access, one type of Special Access to another, or one type of Switched Access Feature Group to another except as set forth in 6.7.6 following).
- (4) A change in the type of Special Access Service Channel termination.
- (5) A change in Switched Access Service or Directory Assistance Service Interface Group.
- (6) Change in Switched Access Service traffic type.
- (7) Change from two-point to multipoint Special Access Service or from multipoint to two-point Special Access Service.

5.2.6 Minimum Period Charges

When Access Service is disconnected at the customer's request prior to the expiration of the minimum period, charges are applicable for the balance of the minimum period. A disconnect constitutes facilities being returned to available inventory.

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5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.6 Minimum Period (Cont'd)

The Minimum Period Charge for services provided with a one month minimum period will be determined as follows:

- (A) For Switched Access Service, the charge for a month or fraction thereof is equal to the applicable minimum monthly charge for the capacity as set forth in 6.7.4 following.
- (B) For Special Access Service, the charge for a month or fraction thereof is the applicable monthly rates for the service as set forth in 7.5 following.

The Minimum Period Charge for Feature Group D Switched Access Service will be determined as set forth in 2.4.2 (B) preceding.

All applicable nonrecurring charges for the service will be billed in addition to the Minimum Period Charge.

5.2.7 Shared Use Facilities

Shared use occurs when Special Access Service and Switched Access Service are provided over the same Special Access facility through a common interface. The Special Access monthly rate for the Channel Termination, Channel Mileage, if applicable, and multiplexer will apply, regardless of whether any individual channels of the Shared Special Access facility are used for Special Access Service, Switched Access Service, or any other type of service. The practice known as “ratcheting” (to apply non-Special Access rates on a proportional basis) shall not apply in any circumstance.

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(D)
(D)
(N)
(N)

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November 6, 2024

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EFFECTIVE:
December 9, 2024

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.3 Available Inventory

Available inventory is limited and does not include facilities previously ordered. The Telephone Company will make every reasonable effort to maintain sufficient available inventory to provide Access Service in accordance with customers' requested service date intervals. To the extent that service can be provided, Access Orders will be satisfied from available inventory.

5.4 Planned Facilities Order

Reserved for Future Use

ISSUED:
March 30, 2007

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EFFECTIVE:
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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.5 Switched Access Service Minimum Capacity Requirements

- 5.5.1 When Switched Access Service Access Connections are ordered under Access Orders, they will be provided subject to the provisions set forth in 5.1.1 preceding and in 5.5.2 through 5.5.7 following.
- 5.5.2 There is no minimum capacity for Interface Groups 1 and 2. The minimum capacity provided for Interface Groups 6 and 9, and for which charges are applicable, are set forth in 5.5.6 following.
- 5.5.3 Reserved For Future Use
- 5.5.4 When a customer requests analog or digital Interface Groups 6 and 9, the customer is required to order at a minimum, sufficient capacity to utilize 70% of the channels.
- 5.5.5 For the purpose of administering the minimum capacity provisions, Access Orders for Access Connection Interface Groups for different Feature Groups may be grouped together if the facilities provided for all the connections are the same and terminate in the same facilities terminal in the same Telephone Company access tandem or end office.

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5. Ordering Options for Switched and Special Access Service (Cont'd)

5.5 Switched Access Service Minimum Capacity Requirements (Cont'd)

5.5.6 The following table provides the total capacity of the interface and the thresholds for minimum order requirements.

| <u>Interface Type</u> | <u>Interface Name</u> | <u>Total Capacity (Channels)</u> | <u>Minimum Capacity (Channels)</u> |
|-----------------------|-----------------------|----------------------------------|------------------------------------|
| Analog | Group | 12 | 9 |
| Analog | Supergroup | 60 | 42 |
| Analog | Mastergroup | 600 | 420 |
| Digital | DS1 | 24 | 17 |
| Digital | DS1C | 48 | 34 |
| Digital | DS3 | 672 | 471 |

The Telephone Company will not provide these Interface Groups when less than 70% of the capacity is ordered. For purposes of grouping, as set forth in 5.5.5 preceding, it shall be assumed that Feature Group A, B, C, or D minutes may be combined.

5.5.7 When Switched Access Service provided from available inventory is disconnected, and the disconnect causes the in service capacity to fall below the minimum requirements, the Telephone Company will, at the option of the customer:

- (A) Disconnect all the service subject to the minimum capacity requirements, and all appropriate charges will apply, or
- (B) Move the remaining in service capacity to a lesser capacity interface.

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5. Ordering Options for Switched and Special Access Service (Cont'd)

5.6 Access Order Standard Intervals

The Standard Intervals, as set forth following, will be used for all Access Orders for Special Access Services of the same channel type with the same requested service date and all Switched Access Services with the same type Interface Group and/or Feature Group with the same requested service date.

The Standard Intervals are subject to the following conditions:

- The Standard Interval is the sum of the intervals from (1) The Application Date (APP) to the Design Layout Report Date (DLRD) and, (2) the Confirming Design Layout Report Date (CDLRD) to the Service Date (DD). These dates are defined in 5.2.3(C)(4)(b) preceding.
- The period between the design Layout Report Date (DLRD) and the Confirming Design Layout Report Date (CDLRD) is controlled by the customer, but is agreed upon by the customer and the Telephone Company prior to the Application Date. This period is limited to a maximum of 5 days.
- Service dates for items and services not included in the Standard intervals will be negotiated.
- Regardless of how many separate orders are placed at the same time for service between the same locations and with the same service date, if more than 10 services of the same type are involved as described preceding, the interval will be considered as negotiable even though separate orders reflect quantities that qualify as Standard Intervals.

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5. Ordering Options for Switched and Special Access Service (Cont'd)

5.6 Access Order Standard Intervals (Cont'd)

- Access Service Standard Intervals in working days, are as follows.

| <u>SERVICE</u> | <u>APP-DLRD</u> | <u>CDLRD-DD</u> | <u>STD INT</u> |
|----------------|-----------------|-----------------|----------------|
|----------------|-----------------|-----------------|----------------|

Special Access Service

1. Reserved For Future Use
2. Reserved For Future Use

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5. Ordering Options for Switched and Special Access Service (Cont'd)

5.6 Access Order Standard Intervals (Cont'd)

| | <u>SERVICE</u> | <u>APP-DLRD</u> | <u>CDLRD-DD</u> | <u>STD INT</u> |
|----------------------------------------|----------------------------------------|-----------------|-----------------|----------------|
| <u>Special Access Service (Cont'd)</u> | | | | |
| 3. | <u>Voice Grade Service</u> | | | |
| | Two-Point | | | |
| | 1 to 6 Services | 8 | 11 | 19 |
| | 7 to 10 Services | ICB | ICB | ICB |
| | Over 12 Service | ICB | ICB | ICB |
| | Multipoint | | | |
| | 3 to 5 Points | 13 | 11 | 24 |
| | 6 to 10 Points | ICB | ICB | ICB |
| | Over 10 Points | ICB | ICB | ICB |
| | Facility to A Hub (For 43A Carrier) | | | |
| | 1 to 6 Facilities | 8 | 11 | 19 |
| | 7 to 10 Facilities | ICB | ICB | ICB |
| | Over 10 Facilities | ICB | ICB | ICB |
| | Optional Features, Add 10 Days | | | |
| 4. | <u>Reserved for Future Use</u> | | | |

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.6 Access Order Standard Intervals (Cont'd)

Special Access Service (Cont'd)

5. Reserved for Future Use

6. Reserved for Future Use

7. Reserved for Future Use

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.6 Access Order Standard Intervals (Cont'd)

| <u>SERVICE</u> | <u>APP-DLRD</u> | <u>CDLRD-DD</u> | <u>STD INT</u> |
|----------------------------------------|-----------------|-----------------|----------------|
| <u>Special Access Service (Cont'd)</u> | | | |

8. Digital Data Service

| | | | |
|-----------------|-----|-----|-----|
| Two-Point | | | |
| 1 to 3 Services | 13 | 11 | 24 |
| 4 to 8 Services | ICB | ICB | ICB |
| Over 8 Services | ICB | ICB | ICB |
| Multipoint | | | |
| 3 to 5 Points | 25 | 35 | 60 |
| 6 to 10 Points | 25 | 35 | 60 |
| Over 10 Points | 25 | 35 | 60 |

Optional Features,
Add 10 Days

9. High Capacity Service

| | | | |
|----------------------------------------------------------|-----|-----|-----|
| Two-Point | | | |
| 1 to 3 Services | 35 | 25 | 60 |
| 4 to 8 Services | ICB | ICB | ICB |
| Over 8 Services | ICB | ICB | ICB |
| Facility to A Hub (Group, Supergroup, Mastergroup) | | | |
| 1 to 3 Facilities | ICB | ICB | ICB |
| 4 to 8 Facilities | ICB | ICB | ICB |
| Over 8 Facilities | ICB | ICB | ICB |

Optional Features,
Add 10 Days

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5. Ordering Options for Switched and Special Access Service (Cont'd)

5.6 Access Order Standard Intervals (Cont'd)

| <u>SERVICE</u> | <u>APP-DLRD</u> | <u>CDLRD-DD</u> | <u>STD INT</u> | |
|----------------------------------------|-----------------|-----------------|----------------|-----|
| <u>Special Access Service (Cont'd)</u> | | | | (T) |
| 10. <u>WATS Access Line Service</u> | | | | |
| Two-Point | | | | |
| 1 to 6 Services | 8 | 11 | 29 | |
| 7 to 10 Services | ICB | ICB | ICB | |
| Over 10 Service | ICB | ICB | ICB | |
| Optional Features, Add 10 Days | | | | |

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.6 Access Order Standard Intervals (Cont'd)

| | <u>SERVICE</u> | <u>APP-DLRD</u> | <u>CDLRD-DD</u> | <u>STD INT</u> | |
|----|----------------------------------|-----------------|-----------------|----------------|-----|
| | <u>Switched Access Service</u> | | | | (T) |
| 1. | <u>Feature Group A</u> | | | | |
| | 1 to 3 Lines | 8 | 11 | 19 | |
| | 4 to 10 Lines | ICB | ICB | ICB | |
| | Over 10 Lines | ICB | ICB | ICB | |
| | Optional Features, Add 5 Days | | | | |
| 2. | <u>Feature Group B</u> | | | | |
| | 1 to 3 Trunks | 38 | 22 | 60 | |
| | 4 to 7 Trunks | ICB | ICB | ICB | |
| | Over 7 Trunks | ICB | ICB | ICB | |
| | Optional Features, Add 5 Days | | | | |

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ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.6 Access Order Standard Interval (Cont'd)

| <u>SERVICE</u> | <u>APP-DLRD</u> | <u>CDLRD-DD</u> | <u>STD INT</u> |
|--------------------------------------------------------------------|-----------------|-----------------|----------------|
| <u>Switched Access Service (Cont'd)</u> | | | |
| 3. <u>Feature Group C & D</u> | | | |
| 1 to 3 Trunks | 38 | 22 | 60 |
| 4 to 10 Trunks | ICB | ICB | ICB |
| Over 10 Trunks | ICB | ICB | ICB |
| With New High Capacity Interface Group (6 and 9) Add 20 Days | | | |
| Optional Features, Add 10 Days | | | |

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ACCESS SERVICE

6. Switched Access Service

6.1 General

Switched Access Service, which is available to customers for their use in furnishing their services to end users, provides a two-point electrical communications path between a customer's premises and an end user's premises. It provides for the use of common terminating, switching and trunking facilities and common subscriber plant of the Telephone Company. Switched Access Service provides for 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 to an end user's premises. Specific references to material describing the elements of Switched Access Service are provided in 6.1.1 and 6.1.3 following.

(T)

Rates and charges for Switched Access Service depend generally on its use by the customer, i.e., for MTS or WATS services, MTS-WATS equivalent services, or other services (e.g., foreign exchange service), and whether it is provided in a Telephone Company end office that is equipped to provide equal access (Feature Group D Access, described in 6.1.1(D) following). Rates and charges for Switched Access Service are set forth in 6.8 following. The application of rates for Switched Access Service is described in 6.7 following. Rates and charges for services other than Switched Access Service, e.g., a customer's interLATA and intraLATA toll message service, may also be applicable when Switched Access Service is used in conjunction with these other services. Descriptions of such applicability are provided in 6.2.1(A)(7), 6.2.1(B)(4), 6.2.2(A)(5), 6.2.2(B)(4), 6.2.3(A)(5), 6.2.4(A)(4), 6.7.10 and 6.7.12 following.

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EFFECTIVE:
May 30, 2021

FILED
Missouri Public
Service Commission
JI-2021-0191

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Feature Group Arrangements and Manner of Provision

Switched Access Service is provided in seven service categories of standard and optional features called Feature Groups A through D, Interim 500 Access Service, TFC Access Service, and 900 Access Service. They are differentiated by their technical characteristics, e.g., line side vs. trunk side connection at the Telephone Company entry switch, and the manner in which an end user accesses them in originating calls, e.g., with or without an access code. Following is a brief description of each Feature Group arrangement.

(A) Feature Group A (FGA)

FGA Access provides line side access to Telephone Company end office switches with an associated seven digit local telephone number for the customer's use in originating and terminating communications to an Interexchange Carrier's intrastate service or a customer provided intrastate communications capability. The customer must specify the Interexchange Carrier to which the FGA service is connected, or in the alternative, specify the means by which the FGA access communications is transported to another exchange. FGA Access may also be used to terminate TFC Access Service Calls. FGA Access is not offered for use in terminating FGC and FGD originating communications. A more detailed description of FGA Access is provided in 6.2.1 following.

(B) Feature Group B (FGB)

FGB Access provides trunk side access to Telephone Company end office switches with an associated uniform 950-0XXX or 950-1XXX access code for the customer's use in originating and terminating communications to an Interexchange Carrier's intra-state service or a customer provided intrastate communications capability. The customer must specify the Interexchange Carrier to which the FGB service is connected, or in the alternative, specify the means by which the FGB access communications is transported to another exchange. FGB Access may also be used to originate TFC Access Service until such time as FGD becomes available in the end office.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Feature Group Arrangements and Manner of Provision (Cont'd)

(B) Feature Group B (Cont'd)

FGB Access may also be used to terminate TFC Access service calls. A more detailed description of FGB Access is provided in 6.2.2 following.

(C) Feature Group C (FGC)

FGC Access, which is available only to providers of MTS and WATS, provides trunk side access to Telephone Company end office switches for the customer's use in originating and terminating communications. FGC Access may also be used to originate and terminate TFC Access Service. This service is available in all end offices which are not equipped for Feature Group D End Office Switching. Existing FGC Access will be converted to Feature Group D Access when it becomes available in an end office. The WATS Access Line optional feature set forth in 7.2.11 (A) may be ordered separately by a customer other than the customer which orders the FGC Switched Access Service (i.e., a provider of MTS and WATS). WATS Access Lines are ordered as set forth in 5.2 preceding. A more detailed description of FGC Access is provided in 6.2.3 following.

(D) Feature Group D (FGD)

FGD Access, which is available to all customers, provides trunk side access to Telephone Company end office switches with an associated uniform 101XXXX access code for the customer's use in originating and terminating communications. The WATS Access Line optional feature set forth in 7.2.11 (D) may be ordered separately by a customer other than the customer which orders the FGD Switched Access Service. WATS Access Lines are ordered as set forth in 5.2 preceding. A more detailed description of FGD Access is provided in 6.2.4 following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Feature Group Arrangements and Manner of Provision (Cont'd)

(E) Manner of Provision

Switched Access is furnished in either quantities of lines or trunks. FGA Access is furnished on a per-line basis and FGB, FGC, FGD Access are furnished on a per trunk basis.

Trunks are differentiated by type and directionality of traffic carried over a Switched Access Service arrangement. Differentiation of traffic is necessary for the Telephone Company to properly design Switched Access Service to meet the traffic carrying capacity requirement of the customer.

There are three major traffic types. These are: Originating, Terminating and Directory Assistance. Originating traffic type represents access capacity within a LATA for carrying traffic from the end user to the customer; Terminating traffic type represents access capacity within a LATA for carrying traffic from the customer to the end user; and, Directory Assistance traffic type represents access capacity within a LATA for carrying Directory Assistance traffic from the customer to a Directory Assistance location. When ordering capacity for FGB Access, FGC Access or FGD Access, the customer must at a minimum specify such access capacity in terms of Originating traffic type and/or Terminating traffic type. Directory Assistance traffic type is used for ordering Directory Assistance Access Service and is provided as set forth in 9. following.

Because some customers will wish to further segregate their originating FGC or FGD traffic into separate trunk groups, Originating traffic type is further categorized into Domestic, Interim 500, TFC, 900, and Operator. Domestic traffic type represents access

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6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Feature Group Arrangements and Manner of Provision (Cont'd)

(E) Manner of Provision (Cont'd)

capacity for carrying only Domestic traffic other than Interim 500, TFC, 900 and Operator traffic; and, Interim 500, TFC, 900 and Operator traffic type represents access capacity for carrying, respectively, only Interim 500, TFC, 900 or Operator traffic. When ordering such types of access capacity, the customer must specify Domestic, Interim 500, TFC, 900 Operator traffic types.

(F) TFC Access Service

TFC Access Service is an originating service that is provided via TFC Access Service switched trunk groups, or may be provided in conjunction with FGB, FGC, or FGD. The service provides for the forwarding of end user dialed TFC calls to a Telephone Company Service Switching Point (SSP) which will initiate a query to the Telephone Company's TFC data base to perform the customer identification function. The call is forwarded to the appropriate customer based on the dialed TFC number. The customer has the option of having the TFC dialed number (i.e., TFC-NXX-XXXX) or, if the TFC to local exchange number translation optional feature is specified, a translated ten digit local exchange number (i.e., NPA-NXX-XXXX) delivered to the customer premises.

When TFC Access Service traffic is combined in the same trunk group arrangement with other traffic, usage for the TFC Access Service traffic will be aggregated with the other traffic for billing purposes. When separate trunk groups are provided for TFC Access Service, usage will be provided separately. A more detailed description of TFC Access Service is as set forth in 6.2.5(B).

(G) 900 Access Service

900 Access Service is an originating service that is provided via 900 Access Service switched trunk groups, or may be provided in conjunction with FGB, FGC, or FGD. The Service provides the customer identification function (900 NXX screening) based on the first six digits of the dialed 900 number. When a 1 + 900 + NXX + XXXX call is originated by an end user, a customer identification function determines the customer to which the call is to be routed based on the NXX dialed.

When a customer requests that the Telephone Company open a 900 NXX access code for exchanges served by the Telephone Company within a specified state, LATA or

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.1 Feature Group Arrangements and Manner of Provision (Cont'd)(G) 900 Access Service (Cont'd)

service area subtending an access tandem, the order must include the provisioning of all Telephone Company offices within that state, LATA or all offices subtending the specified access tandem.

When 900 Access Service is combined in the same trunk group arrangement with other traffic, usage for the 900 Access Service traffic will be aggregated with the other traffic for billing purposes. When separate trunk groups are provided for 900 Access Service, usage will be provided separately. A more detailed description of 900 Access Service is as set forth in 6.2.5(D).

(H) Interim 500 Access Service

Interim 500 Access Service is an originating service that is provided via Interim 500 Access Service switched trunk groups, or may be provided in conjunction with FGC, or FGD. The Service provides the customer identification function (500 NXX screening) based on the first six digits of the dialed 500 number. When a 1 + 500 + NXX + XXXX call is originated by an end user, a customer identification function determines the customer to which the call is to be routed based on the NXX dialed.

When a customer requests that the Telephone Company open a 500 NXX access code for exchanges served by the Telephone Company within a specified state, LATA or service area subtending an access tandem, the order must include the provisioning of all Telephone Company offices within that state, LATA or all offices subtending the specified access tandem.

When Interim 500 Access Service traffic is combined in the same trunk group arrangement with other traffic, usage for the Interim 500 Access Service traffic will be aggregated with the other traffic for billing purposes. When separate trunk groups are provided for Interim 500 Access Service, usage will be provided separately. A more detailed description of Interim 500 Access Service is as set forth in 6.2.5(C).

6.1.2 WATS Access Line Service

WATS Access Line Service is a type of Special Access Service that is provided only for use with Feature Group C and D Switched Access Service. WATS Access Line Service connects end user premises with a WATS or WATS-type Service Office. This Service is described in 7.2.11 following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

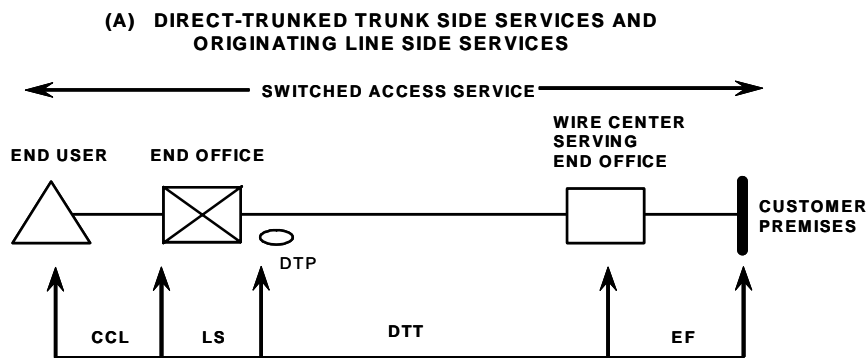
6.1.3 Rate Categories

There are three rate categories which apply to Switched Access Service:

- Switched Transport (described in 6.1.3(B) following) (C)
- Local Switching (described in 6.1.3(C) following)
- Common Line (described in Section 3, and 4, preceding)

In addition to these three rate categories, there are also charges which apply only to Interim 500, TFC and 900 Access Service. The description and application of TFC Access Service charges are set forth in 6.1.3(D). The description and application of 900 Access Service charges are set forth in 6.1.3(E), 6.7.1(C)(4), and 6.7.16 following. The description and application of Interim 500 Access Service charges are set forth in 6.1.3(F), 6.7.1(C)(5), and 6.7.16 following.

The following diagrams depict generic views of the components of Switched Access Service and the manner in which the components are combined to provide a complete access service. (C)



Note:
An exception to mileage measurement for originating line side services is set forth in 6.7.12 (Determining Switched Transport Mileage and Charges)

CCL: CARRIER COMMON LINE
LS: LOCAL SWITCHING
DTT: DIRECT-TRUNKED TRANSPORT
EF: ENTRANCE FACILITY
DTP: DEDICATED TRUNK PORT

* Common line access is provided under Section 3. preceding.

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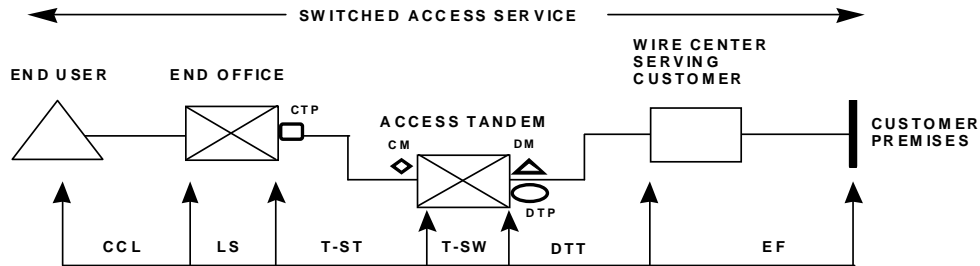
(N)

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

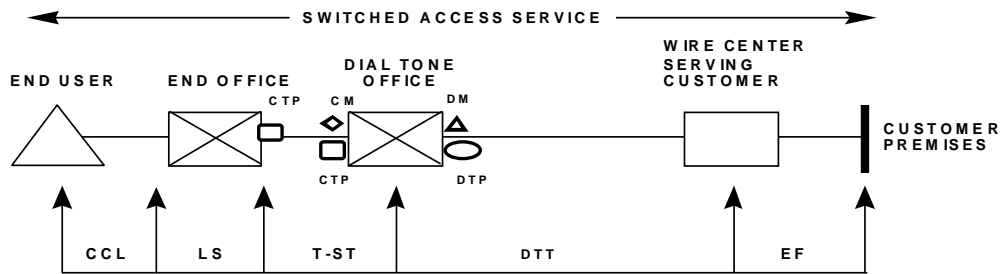
6.1.3 Rate Categories (Cont'd)

(B) TANDEM-SWITCHED TRUNK SIDE SERVICES



CCL: CARRIER COMMON LINE
 LS: LOCAL SWITCHING
 T-ST: TANDEM-SWITCHED TRANSMISSION (FIXED & PER MILE)
 T-SW: TANDEM SWITCHING
 DTT: DIRECT-TRUNKED TRANSPORT
 EF: ENTRANCE FACILITY
 CTP: COMMON TRUNK PORT
 CM: COMMON TRANSPORT MULTIPLEXING
 DTP: DEDICATED TRUNK PORT
 DM: DEDICATED MULTIPLEXING

(C) TERMINATING LINE SIDE SERVICES



CCL: CARRIER COMMON LINE
 LS: LOCAL SWITCHING
 T-ST: TANDEM-SWITCHED TRANSMISSION (FIXED & PER MILE)
 DTT: DIRECT-TRUNKED TRANSPORT
 EF: ENTRANCE FACILITY
 CTP: COMMON TRUNK PORT
 CM: COMMON TRANSPORT MULTIPLEXING
 DTP: DEDICATED TRUNK PORT
 DM: DEDICATED MULTIPLEXING

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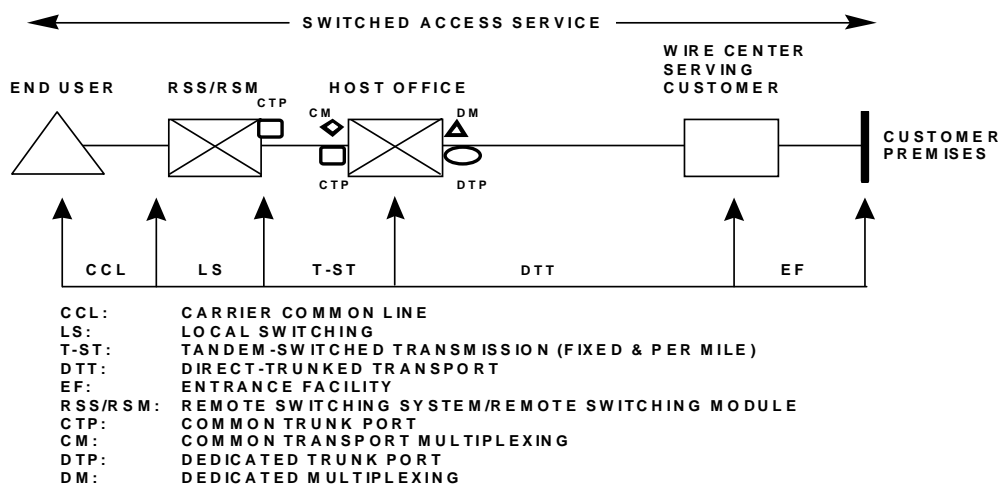
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6. Switched Access Service (Cont'd)

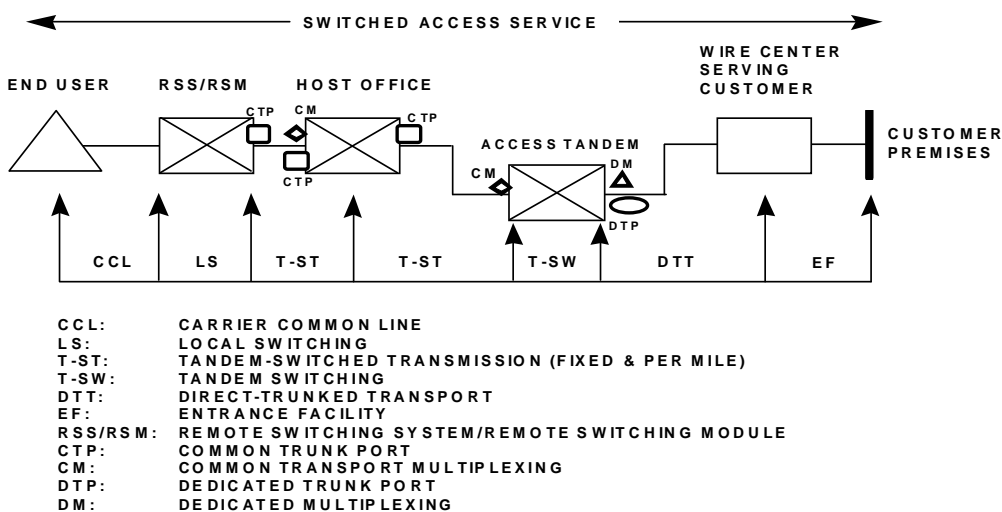
6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(D) DIRECT-TRUNKED HOST/REMOTE ARRANGEMENTS



(E) TANDEM-SWITCHED HOST/REMOTE ARRANGEMENTS



(N)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(A) Access Connections

Material formerly found in this Section now appears in Section 6.1.3(B)(2) and 6.1.3(B)(3) following.

(B) Switched Transport

The Switched Transport rate category provides the transmission facilities between the customer's premises and the end office switch(es) where the customer's traffic is switched to originate or terminate the customer's communications.

Switched Transport provides a one-way or two-way voice frequency transmission path composed of facilities determined by the Telephone Company which permit the transport of calls in the originating direction and in the terminating direction, though not simultaneously. This voice frequency transmission path may be comprised of any form or configuration of plant capable of, and typically used in, the telecommunications industry for transmitting voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

Switched Transport is comprised of an Entrance Facility, Direct-Trunked Transport, Tandem-Switched Transport, and various optional features and functions. Descriptions of the Switched Transport components are provided in (1) through (5) following.

Switched Transport is ordered under the Access Order provisions set forth in Section 5 preceding. Ordering provisions as set forth in 2.4.8 preceding will apply when more than one Exchange Telephone Company is involved in the provision of a Switched Transport facility.

(C)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) Switched Transport (Cont'd)

(C)

(D)

(1) Entrance Facility

(D)

(C)

(N)

An Entrance Facility provides the communication path between a customer's premises and the Telephone Company's serving wire center for that premises. The Entrance Facility is dedicated to the use of a single customer and is available for use with all line side and trunk side Switched Access services. An Entrance Facility is provided even if the customer's premises and the serving wire center are located in the same building.

The Entrance Facility rate element includes the transmission medium of the facility as well as certain circuit equipment that is used at the ends of the facility and employed to provision the channels on the transmission medium. The Entrance Facility rate element also includes an Interface Group, as set forth in 6.4.3 following, which defines the technical characteristics and types of signaling capability associated with the connection (i.e., voice grade, DS1 or DS3) that comprises the Entrance Facility. The following types of Entrance Facility are available:

(a) Voice Grade Entrance Facility

Voice Grade Entrance Facility is provided in quantities of channels. Each Voice Grade channel provides voice frequency transmission capability in the nominal frequency range of 300 to 3000 hertz (Hz) and may be terminated two-wire or four-wire. When a single Voice Grade channel is ordered to be terminated at a customer's premises where the premises is all-digital and requires a minimum digital interface level of 1.544 Mbps, the Telephone Company will provide the required interface where facilities are available.

(N)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) Switched Transport (Cont'd) (C)

(1) Entrance Facility (Cont'd) (N)

(a) Voice Grade Entrance Facility (Cont'd)

Technical Specifications for Voice Grade may be found in Technical Reference Publication TR-NWT-000335.

(b) DS1 Entrance Facility

DS1 Entrance Facility provides 24 channels for the transmission of nominal 56 kbps or 1.544 Mbps isochronous serial data. The actual bit rate and framing format is a function of the channel interface selected by the customer.

DS1 Entrance Facility rates may vary based on distance. The mileage used to determine the monthly rate for entrance facilities located outside a Telephone Company Central Office is the airline distance between the customer's designated premises and the Telephone Company serving wire center. The mileage measurement is determined by utilizing exchange maps and mileage tables located in designated Telephone Company offices for such purposes.

Technical specifications for DS1 may be found in Technical Reference Publication GR-342. (N)

(M) Material omitted from this page now appears on Page 228.1 and 228.2. (M)

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Brightspeed of West Missouri, LLC (C)

~~Fourth Revised Page 152~~
~~Cancels Third Revised Page 152~~
3rd Revised Page 152
Cancels 2nd Revised Page 152

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) Switched Transport (Cont'd)

(1) Entrance Facility (Cont'd)

(c) DS3 Entrance Facility **

DS3 Entrance Facility provides 28 DS1s or 672 channels for the transmission of nominal 44.736 Mbps isochronous serial data.

With DS3, an interface which provides an electrical signal with a transmission speed of 44.736 Mbps per channel will be installed at the customer's premises.

DS3 Entrance Facility rates may vary based on distance. The mileage used to determine the monthly rate for entrance facilities located outside a Telephone Company Central Office is the airline distance between the customer's designated premises and the Telephone Company serving wire center. The mileage measurement is determined by utilizing exchange maps and mileage tables located in designated Telephone Company offices for such purposes.

Technical specifications for DS3 services may be found in Technical Reference Publication GR-342.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) Switched Transport (Cont'd)

(C)

(1) Entrance Facility (Cont'd)

(N)

(d) STS1 Entrance Facility

Synchronous Transport Signal Level 1 (STS1) channels provide for the SONET transmission of 51.84 Mbps of data. The signal consists of overhead and a Synchronous Payload Envelope (SPE). The overhead portion of the signal is used for controlling, framing and maintaining the signal. The SPE contains the customer information.

STS1 is provisioned over the Telephone Company's SONET network and may be configured as a stand alone two-point service or connected to an OC level SONET service or hubbed to an STS1/DS1 Multiplexer.

Customers ordering STS1 service must specify the interface requested (i.e., STS1 interface or DS3 interface) and how the signal is to be formatted (i.e., STS1, STS1 with VT1.5 mapping, or STS1 with DS3 mapping). An STS1 with VT1.5 mapping can be multiplexed to 28 DS1s using the STS1/DS1 Multiplexing optional feature set forth in 6.1.3(B)(4)(d) following. Virtual Tributary (VT) mapping is a SONET structure designed for the transport of sub-STs1 payloads. A DS1 is mapped into the SONET format using a VT1.5 as a packaging mechanism that is internal to the SONET signal.

(N)

(M)

(M) Material omitted from this page now appears on Pages 228.3 and 228.4.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) Switched Transport (Cont'd)

(C)

(1) Entrance Facility (Cont'd)

(N)

(d) STS1 Entrance Facility (Cont'd)

Current SONET standards do not provide for asynchronous DS3 to DS1 multiplexing. An STS1 may be mapped for either one DS3 or 28 DS1s. However, individual DS1s within a DS3 are not accessible within the SONET architecture, and their performance cannot be guaranteed for this reason. When the customer requests that an STS1 be mapped as a DS3 multiplexed to the DS1 level, a DS3 to DS1 multiplexing arrangement will be required.

STS1 Entrance Facility rates may vary based on distance. The mileage used to determine the monthly rate for entrance facilities located outside a Telephone Company Central Office is the airline distance between the customer's designated premises and the Telephone Company serving wire center. The mileage measurement is determined by utilizing exchange maps and mileage tables located in designated Telephone Company offices for such purposes.

STS1 service is provided where SONET facilities are available with sufficient bandwidth capacity to meet the customer's request.

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(M)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) Switched Transport (Cont'd) (C)

(1) Entrance Facility (Cont'd) (N)

(e) OptiPoint Entrance Facilities

OptiPoint entrance facilities provide point-to-point high speed synchronous optical fiber-based full duplex data transmission capabilities. Detailed service description for OptiPoint service is set forth in 6.2.8 following.

(2) Direct-Trunked Transport

Direct-Trunked Transport provides the communication path between the serving wire center of a customer's premises and an end office or between the serving wire center and an access tandem when transport from the access tandem to the end office is routed on circuits used in common by multiple access customers. Direct-Trunked Transport is dedicated to the use of a single customer and does not require switching at an access tandem. Direct-Trunked Transport is available for use with all line side and trunk side Switched Access services. (N)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) Switched Transport (Cont'd)

(C)

(2) Direct-Trunked Transport (Cont'd)

(N)

Direct-Trunked Transport is not available to end offices that lack recording and measuring capabilities needed to provide Direct-Trunked Transport. Direct-Trunked Transport is also not available for TFC Access Service when the required SSP function is located at the access tandem.

Direct-Trunked Transport provides for the transmission facilities between the Telephone Company's serving wire center and an end office when such facilities are not switched through an access tandem, or between the Telephone Company's serving wire center and the access tandem. This includes the transmission medium itself as well as certain circuit equipment that is used at the ends of the interoffice links and employed to provision the channels on the transmission medium and circuit equipment used within the network to manage the circuits at intermediate locations.

The Telephone Company applies a 50% billing percentage to the Direct-Trunked Transport termination (fixed) rate on jointly-owned circuits, and applies 100% on wholly-owned circuits. When the Direct-Trunked Transport facility is zero (i.e., collocated serving wire centers), neither the Direct-Trunked Transport facility (per mile) rate nor the Direct-Trunked Transport termination (fixed) rate will apply.

Direct-Trunked Transport also provides for the transmission facilities between the Telephone Company's serving wire center and a hub that interconnects facilities for both Tandem-Switched Transmission and Direct-Trunked Transport.

(N)

(M)

(M) Material omitted from this page now appears on Page 228.5.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) Switched Transport (Cont'd)

(3) Tandem-Switched Transport

Tandem-Switched Transport provides the communication path between the access tandem and an end office that subtends that tandem, and includes tandem switching functions. Tandem-Switched Transport is available for use with all trunk side Switched Access services. Tandem-Switched Transport is not available for use with line side Switched Access services. For examples of Tandem Switched Transport see Section 2.4.8 preceding.

Effective July 1, 2021, as established in the 8YY Access Charge Reform (FCC 20-143), existing tandem switching charges and transport charges for originating 8YY traffic are eliminated and a single joint tandem switched access service rate element for 8YY originating access service is established. The 8YY originating Joint Tandem Switched Transport rate is provided at the rates set forth in 6.8.2(C)(4).

(N)
|
(N)

Tandem-Switched Transport provides for the transmission facilities between the access tandem and an end office that subtends the tandem. Tandem-Switched Transport is composed of four subelements:

- (a) Tandem-Switched Transmission, which provides for the transmission facilities from the Telephone Company's access tandem switch to an end office subtending that tandem. This includes the transmission medium itself as well as certain circuit equipment that is used at the ends of the interoffice links and employed to derive the channels on the transmission medium, and circuit equipment used within the network to manage the circuits at intermediate locations.

The Telephone Company applies a 50% billing percentage to the Tandem-Switched Transport termination (fixed) rate on jointly-owned circuits, and applies 100% on wholly-owned circuits. When the Tandem-Switched Transport Facility is zero (i.e., collocated serving wire centers), neither the Tandem-Switched Transport Facility (per mile) rate nor the Tandem-Switched Transport Termination (fixed) rate will apply.

- (b) Tandem Switching, which provides for use of the Telephone Company's access tandem.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) Switched Transport (Cont'd)

(C)

(3) Tandem-Switched Transport (Cont'd)

(N)

(c) Common Transport Multiplexing provides for the use of the multiplexing equipment at the remote, the end office, and at the access tandem. The common transport multiplexing rate element is assessed on a per minute of use basis at both the end office and tandem.

(d) Dedicated Transport Multiplexing provides for the use of multiplexing equipment at the end office and access tandem. The dedicated transport multiplexing rate element is a flat rated charge and is assessed at both the end office and tandem. Dedicated transport multiplexing is provided at the rates set forth in 6.8.2(E)(4)(b) following for DS3 to DS1 multiplexing.

(e) Tandem Trunk Port

The trunk port rate elements are defined as follows:

- Common Trunk Port

The Common Trunk Port provides for the use of shared end office trunk ports for the termination of common transport trunks for tandem or end office routed traffic.

- Dedicated Trunk Port

The Dedicated Trunk Port provides for termination of a dedicated trunk as a trunk side arrangement to an end office or provides access into the access tandem at the serving wire center side of the switch.

(N)

(M)

(M) Material omitted from this page now appears on Page 228.6.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) Switched Transport (Cont'd)

(C)

(3) Tandem-Switched Transport (Cont'd)

(N)

Switched Transport is provided at the rates and charges as set forth in 6.8.2 following. The application of these rates with respect to individual Switched Access Service Arrangements is set forth in 6.7.1(D) following.

The number of Switched Transport transmission paths and terminations provided is based on the customer's order and is determined by the Telephone Company as set forth in 6.5.5 following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) Switched Transport (Cont'd)

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6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) Switched Transport (Cont'd)

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6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) Switched Transport (Cont'd)

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6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) Local Transport (Cont'd)

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6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) Switched Transport (Cont'd) (C)

(3) Nonchargeable Optional Features

Where transmission facilities permit, the Telephone Company will, at the option of the customer, provide the following optional features in association with the Interface Groups listed in 6.4.3 following. Only those Interface Groups referenced with each optional feature will be provided with that feature. (C)
(C)

(a) Supervisory Signaling

Where the transmission parameters permit, and where signaling conversion is required by the customer to meet its signaling capability, the customer may order an optional supervisory signaling arrangement for each transmission path provided as follows:

- For Interface Groups 1 and 2
DM Supervisory Signaling,
E&M Type I Supervisory Signaling,
E&M Type II Supervisory Signaling, or
E&M Type III Supervisory Signaling
- For Interface Group 2
SF Supervisory Signaling, or
Tandem Supervisory Signaling

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) Switched Transport (Cont'd) (C)

(3) Nonchargeable Optional Features (Cont'd)

(a) Supervisory Signaling (Cont'd)

- For Interface Groups 6 and 9

These Interface Groups may, at the option of the customer, be provided with individual transmission path SF supervisory signaling where such signaling is available in Telephone Company central offices. Generally such signaling is available only where the entry switch provides an analog, i.e., non digital, interface to the transport termination and a portion of the facility between the analog entry switch and the customer's premises is analog.

(b) Improved Return Loss

This feature provides Improved Return Loss, expressed as Echo Return Loss and Singing Return Loss, on two-wire ports of a four-wire point of termination. The specific parameters guaranteed are set forth in 6.4.1 following. This feature is available with all Feature Groups.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) Switched Transport (Cont'd)

(C)

(3) Nonchargeable Optional Features (Cont'd)

(N)

(c) Data Transmission Parameters

Where transmission facilities permit, the Customer may order Data Transmission Parameters for each transmission path in association with Interface Groups 2, 6 and 9. This feature includes the provision of trouble testing by the Telephone Company, either independently or cooperatively with the Customer, of parameters normally associated with data transmission. The Telephone Company will, upon receipt of a trouble report from the Customer, conduct tests either independently or cooperatively with the Customer as appropriate, and take any necessary action to ensure that the parameters set forth in Section 6.4.2(A) or 6.4.2(B) are met. In those cases where the Customer specifically requests that Telephone Company personnel conduct tests, Maintenance of Service charges will be imposed where applicable in accordance with Section 13.3.1.

(N)

(4) Chargeable Optional Features

(M)

(a) Provision of Other Than Telephone Company Selected Traffic Routing

This option allows the customer to specify a particular traffic routing for trunk groups in lieu of Telephone Company selected routing, i.e., the customer may specify that the routing be on a direct trunk basis or via an access tandem. It is available with Feature Groups B, C, D, Interim 500, TFC and 900 Access Service.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) Switched Transport (Cont'd) (C)

(4) Chargeable Optional Features (Cont'd)

(b) Customer Specification of Feature Group Directionality

This option allows the customer to specify that the operation of a trunk group will be one-way originating or terminating calling in lieu of Telephone Company selected two-way calling or, alternatively, that operation will be two-way calling in lieu of Telephone Company selected one-way calling. It is available with Feature Groups B, C and D.

(c) Customer Specification of Switched Transport Termination (C)

This option allows the customer to specify, for Feature Group B routed directly to an end office or access tandem, a four-wire termination of the Switched Transport at the entry switch in lieu of a Telephone Company selected two-wire termination. This option is available only when the Feature Group B arrangement is provided with Type B Transmission Specifications.

These options are rated on an individual case basis with both nonrecurring charges and monthly recurring rates applying.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) Switched Transport (Cont'd) (C)

(4) Chargeable Optional Features (Cont'd) (N)

(d) Multiplexing

Multiplexing provides for arrangements to convert a single higher capacity or bandwidth circuit for bulk transport to several lower capacity or bandwidth circuits. Multiplexing is only available at Telephone Company designated Hubs (end offices) arranged for multiplexing or at the access tandem trunk on the serving wire center side of the access tandem. All types of multiplexing may not be available at each Hub location.

Listed below are the multiplexing arrangements offered with switched access.

1. DS1 to Voice

An arrangement that multiplexes twenty-four voice grade circuits to single DS1 digital circuit at a rate of 1.544 Mbps, or multiplexes a single DS1 digital circuit at a rate of 1.544 Mbps to twenty-four voice grade circuits.

2. DS3 to DS1

An arrangement that multiplexes twenty-eight DS1 digital circuits to a single DS3 digital circuit at rate of 44.736 Mbps, or multiplexes a single DS3 digital circuit at a rate of 44.736 Mbps to twenty-eight DS1 digital circuits.

3. STS1/DS1 Multiplexing

An arrangement that provides transport of sub-STs1 payloads by converting an STs1 with VT1.5 mapping to 28 DS1s. The STs1/DS1 Multiplexing feature is available at Telephone Company provided fiber optic terminals equipped with VT1.5 configuration cards.

The rates and charges applicable for multiplexing options described in (d) preceding are set forth in 6.8.2(E) following. (N)

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(N)

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(B) Switched Transport (Cont'd)

(5) Residual Interconnection Charge

The Residual Interconnection Charge recovers the costs associated with Local Transport that are not recovered by the Entrance Facility, Direct Trunked Transport, Tandem Switched Transport, Multiplexing or dedicated signaling (i.e., SS7) rates. The Residual Interconnection Charge specified in Section 6.8.2(D) following applies to both Tandem Switched and Direct Trunked access minutes of use.

The Residual Interconnection Charge does not apply when the Telephone Company has identified in the National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4, Wire Center Information, that it has not received a bona fide request for Direct Trunked Transport and is therefore applying Switched Transport Facility and Switched Transport Termination rates and charges instead of Tandem Switched Facility, Tandem Switched Termination, and Tandem Switching rates and charges.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(C) Local Switching

The Local Switching rate element provides for the use of end office switching equipment for the termination of end user lines in the local end office, and for the termination of a call at a Telephone Company operator or recording. End user lines may be provided as either Common Lines or Special Access Channel Terminations utilized for connection with Switched Access Service at Telephone Company designated WATS Serving Offices. Common Lines are discussed in Sections 3. and 4. preceding, while Special Access Channel Terminations are discussed in Section 7. following. There are various types of originating and terminating line side terminations depending on the type of signaling used (i.e., loop start or ground start). Line side terminations are available with either dial pulse or dual tone multifrequency address signaling.

The intercept function informs a caller why a call, as dialed, could not be completed, and if possible, provides the caller with information required to complete the call.

The premium charge is divided into two distinct categories, i.e., LS1 and LS2. The first category, LS1, provides local dial switching for Feature Groups A and B when the traffic originates from or terminates at an equal access end office. The second category, LS2, provides local dial switching for Feature Groups C and D.

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6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(C) Local Switching (Cont'd)

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6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(D) Toll Free Code (TFC) Access Service

The TFC Access Service Data Base Query Charge, as set forth in Section 6.8.4(A) following, will apply for each TFC call query received at the Telephone Company's TFC data base. Per query charges will be accumulated over a monthly period and billed to the customer on a monthly basis.

Included as a part of TFC Access Service are various optional service features, described in Section 6.2.5 following, which the customer may specify to meet its specific requirements. The rates for the TFC Data Base Optional Service Features are set forth in Section 6.8.4(B) following and will apply on a per query basis. When a combination of one or more optional service features is specified, only one such charge shall apply. Per query service option charges will be accumulated over a monthly period and billed to the customer on a monthly basis.

(E) 900 Access Service Nonrecurring Charges

The 900 Access Service nonrecurring charge is assessed depending upon how the service is ordered:

- (1) If the service is ordered for the state or LATA, the customer charge for the assembly of route tables is assessed for each end office the Telephone Company serves in the state or LATA. A second nonrecurring charge element applies per NXX activated or deactivated, times the number of Telephone Company access tandems or end offices modified to perform six digit screening for 900 Access Service.
- (2) The second alternative allows for the service to be ordered to only one access tandem or end office performing six digit screening. The customer charge for the assembly of route tables is assessed for each end office subtending the access tandem (including a collocated end office, if applicable). A second nonrecurring charge element applies per NXX activated or deactivated, times the designated Telephone Company access tandem(s) or end office(s) modified to perform six digit screening for 900 Access Service. This option can be applied repetitively to different tandems to customize the intended offering area.

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6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(E) 900 Access Service Nonrecurring Charges (Cont'd)

The route pattern nonrecurring charge applies only once, on the customer's initial request to the Telephone Company for 900 Access Service in each LATA or state. If the customer places an order using option (2) above, the route pattern nonrecurring charge applies to each end office specified in the order received.

(F) 500 Access Service

The Interim 500 Access Service nonrecurring charge is assessed depending upon how the service is ordered:

- (1) If the service is ordered for the state or LATA, the customer charge for the assembly of route tables is assessed for each end office the Telephone Company serves in the state or LATA. A second nonrecurring charge element applies per NXX activated or deactivated, times the number of Telephone Company access tandems or end offices modified to perform six digit screening for Interim 500 Access Service.
- (2) The second alternative allows for the service to be ordered to only one access tandem or end office performing six digit screening. The customer charge for the assembly of route tables is assessed for each end office subtending the access tandem (including a collocated end office, if applicable). A second nonrecurring charge element applies per NXX activated or deactivated, times the designated Telephone Company access tandem(s) or end office(s) modified to perform six digit screening for Interim 500 Access Service. This option can be applied repetitively to different tandems to customize the intended offering area.

The route pattern nonrecurring charge applies only once, on the customer's initial request to the Telephone Company for Interim 500 Access Service in each LATA or state. If the customer places an order using option (2) above, the route pattern nonrecurring charge applies to each end office specified in the order received.

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6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.3 Rate Categories (Cont'd)

(G) Zone Density Charges

Zone density charges are applicable only to DS1 and DS3 switched access services (i.e., Entrance Facility, Direct-Trunked Transport, Tandem Switched Transmission, Tandem Switching, and DS1 to Voice and DS3 to DS1 Multiplexing) provided at the Telephone Company designated exchanges set forth in Section 6.7.18 following. Zone density charges are recurring rates that apply each month or fraction thereof that a DS1 or DS3 switched access service is provided. For billing purposes, each month is considered to have 30 days.

(N)

(N)

6.1.4 Special Facilities Routing

Any customer may request that the facilities used to provide Switched Access Service be specially routed. The regulations, rates and charges for Special Facilities Routing (i.e., Avoidance, Diversity and Cable-Only) are as set forth in 11. following.

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6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.5 Design Layout Report

At the request of the customer, the Telephone Company will provide to the customer the makeup of the facilities and services provided from the customer's premises to the first point of switching. This information will be provided in the form of a Design Layout Report.

The Design Layout Report will be provided to the customer at no charge, and will be reissued or updated whenever these facilities are materially changed.

6.1.6 Acceptance Testing

At no additional charge, the Telephone Company will, at the customer's request, cooperatively test, at the time of installation, the following parameters: loss, C-message noise, C-notched noise, 3-tone slope, d.c. continuity, and operational signaling. When Local Transport is provided with Interface Groups 2, 6 and 9, and the Transport Termination is two-wire (i.e., there is a four-wire to two-wire conversion in Local Transport), balance parameters (equal level echo path loss) may also be tested.

Activation of Toll Free Code (TFC), 500 or 900 NXX codes will be tested by the Telephone Company by placing a test call from each end office where six digit screening is performed. In locations where six digit screening is performed at an access tandem with multiple subtending end offices, a minimum of one subtending end office will be tested by the Telephone Company. No charge will be made for these tests. (C)

6.1.7 Ordering Options and Conditions

Switched Access Service is ordered under the Access Order provisions set forth in 5. preceding. Also, included in that section are other charges which may be associated with ordering Switched Access Service (e.g., Service Date Change Charges, Cancellation Charges, etc.).

6.2 Provision and Description of Switched Access Service Arrangements (C)

Switched Access Service is provided in four different Feature Group arrangements and as Interim 500, TFC and 900 Access Service. The provision of each Feature Group requires Switched Transport facilities and the appropriate End Office functions. In addition, Special Access Service may, at the option of the customer, be connected with Switched Access Service at Telephone Company designated WATS Serving Offices. (C)

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6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd) (C)

There are three specific transmission specifications (i.e., Types A, B and C) that have been identified for the provision of Feature Groups. The specifications provided are dependent on the Interface Group and the routing of the service, i.e., whether the service is routed directly to the end office or via an access tandem. The parameters for the transmission specifications are set forth in 6.4.1 following.

Feature Groups are arranged for either originating, terminating or two-way calling, based on the customer end office switching capacity ordered, while Interim 500 Access Service, TFC Access Service and 900 Access Service are arranged for originating calling only. Originating calling permits the delivery of calls from Telephone Exchange Service locations to the customer's premises. Terminating calling permits the delivery of calls from the customer's premises to Telephone Exchange Service locations. Two-way calling permits the delivery of calls in both directions, but not simultaneously. The Telephone Company will determine the type of calling to be provided unless the customer requests that a different type of directional calling is to be provided. In such cases, the Telephone Company will work cooperatively with the customer to determine the directionality.

There are various chargeable and nonchargeable optional features available with the Feature Groups. These additional optional features are provided as Switched Transport, and Local Switching options. (C)

Following are detailed descriptions of each of the available Feature Groups. Each Feature Group is described in terms of its specific physical characteristics and calling patterns, the transmission specifications with which it is provided, optional features available for use with it and the standard testing capabilities.

The Local Switching optional features, which are described in 6.3 following, unless specifically stated otherwise, are available at all suitably equipped Telephone Company end office switches.

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6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Feature Groups (Cont'd)

6.2.1 Feature Group A (FGA)

(A) Description

- (1) FGA is provided in connection with Telephone Company electronic end offices. At the option of the customer, FGA is provided on a single or multiple line group basis and is arranged for originating calling only, terminating calling only, or two-way calling. FGA is arranged for use by the customer in the provision of its MTS/WATS-type service.
- (2) FGA provides a line side termination at the first point of switching. The line side termination will be provided with either ground start supervisory signaling or loop start supervisory signaling. The type of signaling is at the option of the customer.
- (3) The Telephone Company shall select the first point of switching, within the selected exchange at which the line side termination is to be provided unless the customer requests a different first point of switching and Telephone Company facilities and measurement capabilities, where necessary, are available to accommodate such a request.
- (4) A seven digit local telephone number assigned by the Telephone Company is provided for access to FGA switching in the originating direction. The seven digit local telephone number will be associated with the selected end office switch and is of the form NXX-XXXX.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service Arrangements (Cont'd) (C)6.2.1 Feature Group A (FGA) (Cont'd)(A) Description (Cont'd)

(4) (Cont'd)

If the customer requests a specific seven digit telephone number that is not currently assigned, and the Telephone Company can, with reasonable effort, comply with that request, the requested number will be assigned to the customer.

- (5) FGA switching, when used in the terminating direction, is arranged with dial tone start-dial signaling. When used in the terminating direction FGA switching may, at the option of the customer, be arranged for dial pulse or dual tone multifrequency address signaling, subject to availability of equipment at the first point of switching. When FGA switching is provided in a hunt group or uniform call distribution arrangement, all FGA switching will be arranged for the same type of address signaling.

- (6) No address signaling is provided by the Telephone Company when FGA Switching is used in the originating direction. Address signaling in such cases, if required by the customer must be provided by the customer's end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Switched Transport provided. (C)

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6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd) (C)

6.2.1 Feature Group A (FGA) (Cont'd)

(A) Description (Cont'd)

- (7) FGA switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, local operator assistance (0- and 0+), Directory Assistance (411 where available and 555-1212), emergency reporting service (911 where available), exchange telephone repair (611 where available), time or weather announcement services of the Telephone Company, community information services of an information service provider, and other customer services (by dialing the appropriate digits.) Charges for FGA terminating calls requiring operator assistance or calls to 611 or 911 will only apply where sufficient call details are available.

Additional non-access charges will also be billed on a separate account for (1) an operator surcharge, as set forth in the local exchange tariffs, for local operator assistance (0- and 0+) calls; (2) calls to certain community information services, for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Services and, (3) calls from a FGA line to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. For calls to Directory Assistance (411 where available and 555-1212), Switched Transport rates for FGA Switched Access Service will not apply. Instead, calls to Directory Assistance are subject to the Directory Assistance Service charge set forth in 9.6(A).

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6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd) (C)

6.2.1 Feature Group A (FGA) (Cont'd)

(A) Description (Cont'd)

(M)

(M)

(8) When a FGA switching arrangement for an individual customer (a single line or entire hunt group) is discontinued at an end office, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.

(B) Optional Features

(1) Local Switching Optional Features

- (a) Hunt Group Arrangement
- (b) Uniform Call Distribution Arrangement
- (c) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement
- (d) Call Denial
- (e) Service Code Denial
- (f) Band Advance Arrangement for use with WATS Access Line Service
- (g) Two-way operation with dial pulse address signaling and loop start supervisory signaling.
- (h) Two-way operation with dial pulse address signaling and ground start supervisory signaling.
- (i) Two-way operation with dual tone multi-frequency address signaling and loop start supervisory signaling
- (j) Two-way operation with dual tone multi-frequency address signaling and ground start supervisory signaling

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6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd) (C)

6.2.1 Feature Group A (FGA) (Cont'd)

(B) Optional Features (Cont'd)

(1) Local Switching Optional Features (Cont'd)

- (k) Terminating operation with dial pulse address signaling and loop start supervisory signaling
- (l) Terminating operation with dial pulse address signaling and ground start supervisory signaling
- (m) Terminating operation with dual tone multifrequency address signaling and loop start supervisory signaling
- (n) Terminating operation with dual tone multi-frequency address signaling and ground start supervisory signaling
- (o) Originating operation with loop start supervisory signaling
- (p) Originating operation with ground start supervisory signaling
- (q) Call Screening
- (r) Call Restriction
- (s) InterLATA Call Denial
- (t) Hunt Group Arrangement for Use with Special Access Service utilized for connection with Switched Access Service
- (u) Uniform Call Distribution Arrangement for Use with Special Access Service utilized for connection with Switched Access Service
- (v) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with Special Access Service utilized for connection with Switched Access Service
- (w) Band Advance Arrangement for Use with Special Access Service utilized for connection with Switched Access Service

(M)
(M)

(N)

(N)

(2) Switched Transport Optional Features

(C)

- (a) Supervisory Signaling (as set forth in 6.1.3(B)(3)(a) preceding)
- (b) Improved Return Loss
- (c) Data Transmission Parameters

(N)

(M1)

(M1)

(M) Material omitted from this page now appears on Page 176.

(M1) Material omitted from this page now appears on Page 178.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd) (C)

6.2.1 Feature Group A (FGA) (Cont'd)

(B) Optional Features (Cont'd)

(3) Certain other features which may be available in connection with Feature Group A are provided under the Telephone Company's local and/or general exchange service tariffs. These are: (M)

- (a) Custom Calling Features
- (b) Bill Number Screening
- (c) IntraLATA extensions

(C) Transmission Performance

FGA is provided with either Type B or Type C Transmission Specifications. The specifications for the associated parameters are guaranteed to the first point of switching. Type C Transmission Specifications are provided with Interface Group 1 and Type B is provided with Interface Groups 2, 6 and 9. Type DB Data Transmission Parameters are provided with FGA to the first point of switching.

(D) Testing Capabilities

FGA is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line and milliwatt (102 type) test line. In addition to the tests described in 6.1.6 preceding, which are included with the installation of service, additional Cooperative Acceptance Testing and Non-Scheduled Testing tests are available for FGA as set forth in 13.3.5 following.

(M) This material previously appeared on Page 177.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd) (C)

6.2.2 Feature Group B (FGB)

(A) Description

- (1) FGB, when directly routed to an end office (i.e., provided without the use of an access tandem switch), is provided at appropriately equipped Telephone Company electronic end office switches. When provided via Telephone Company designated electronic access tandem switches, FGB switching is provided at Telephone Company electronic end office switches.
- (2) FGB is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with wink start start-pulsing signals and answer and disconnect supervisory signaling.
- (3) FGB switching is provided with multifrequency address signaling in both the originating and terminating directions. Except for FGB switching provided with the automatic number identification (ANI) or rotary dial station signaling arrangements as set forth in 6.3 following, any other address signaling in the originating direction, if required by the customer, must be provided by the customer's end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Switched Transport provided. (C)
- (4) The access code for FGB switching is a uniform access code. The form of the uniform access code is 950-0XXX or 950-1XXX for carriers.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service Arrangements (Cont'd) (C)

6.2.2 Feature Group B (FGB) (Cont'd)

(A) Description (Cont'd)

(4) (Cont'd)

These uniform access codes will be the assigned access numbers of all FGB Switched Access Service provided to the customer by the Telephone Company. FGB Switched Access may also be used to originate TFC Access Service until such time as FGD becomes available in the end office. FGB may also be used for completion of calls to WATS Access Line Service. The customer's end user is not required to dial an access code for originating TFC Access Service provided with Feature Group B Switched Access Service.

- (5) FGB switching, when used in the terminating direction may be used to access valid NXXs in the toll free calling area of the terminating exchange, time or weather announcement services of the Telephone Company, community information services of an information service provider and other customers' services (by dialing the appropriate digits). When directly routed to an end office, only those valid NXX codes served by that end office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed. The customer will be billed additional non-access charges for calls to certain community information services for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Services.

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