February 25, 2015

Missouri Public Service Commission
Governor Office Building
200 Madison
P.O. Box 360
Jefferson City, MO 65102-0360

Dear Secretary:

Attached for electronic filing are revisions to the tariff for Spectra Communications Group, LLC d/b/a CenturyLink, Facilities for Intrastate Access, P.S.C. MO. No. 2. These revisions are filed in accordance with Missouri Public Service Commission Rules and Regulations and electronically submitted with a February 25, 2015 issue date and a proposed effective date of March 27, 2015.

The purpose of this administrative filing is to remove references to USOCs and IOSCs as these acronyms and the corresponding codes are no longer utilized.

The list of tariff sheets reflecting changes is provided in Attachment A following.

Should you have questions or need additional information regarding this filing, please contact me or Richard Moore at (573) 634-1560.

Sincerely,

Debra Levy

Debra Levy

Attachments

Pc: Gerry Flurer, CenturyLink
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MO 15-01A

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Attachment A

Spectra Communications Group, LLC d/b/a CenturyLink
February 25, 2015

The following tariff sheets are being revised:

Section 3	1st Revised Sheet 53	Section 5 (cont'd)	4th Revised Sheet 205
Section 4	1st Revised Sheet 129.3		1st Revised Sheet 206
	2nd Revised Sheet 130		1st Revised Sheet 207
	2nd Revised Sheet 132		1st Revised Sheet 208
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Section 5	1st Revised Sheet 170		1st Revised Sheet 212
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	1st Revised Sheet 183		1st Revised Sheet 220
	1st Revised Sheet 184	Section 6	1st Revised Sheet 225
	1st Revised Sheet 185		1st Revised Sheet 227
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	1st Revised Sheet 190.1		1st Revised Sheet 331
	1st Revised Sheet 202		1st Revised Sheet 332
	1st Revised Sheet 203		1st Revised Sheet 333
	1st Revised Sheet 204		1st Revised Sheet 334

3. ORDERING OPTIONS FOR FIA (Cont'd)

3.2 Access Service Request (Cont'd)

3.2.2 ASR Modifications

The customer may request a modification of its ASR prior to the service date. 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 ASR 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 ASR modification, the Telephone Company will schedule a new service date. All charges for ASR modifications will apply on a per occurrence basis. Where a new ASR may be required the appropriate charges in other sections of this tariff will be applicable.

Any increase in the number of Switched Access lines for FGA or BSA-A; trunks or BHMCs for FGB, FGC, FGD, BSA-B, BSA-C, BSA-D and SAC Access Service and Special Access circuits will require the issuance of a new ASR for the incremental capacity.

(A) Service Date Change Charge

ASR service dates may be changed, however a Service Date Change Charge will apply for each service date change after the scheduled issue date of the original ASR.

For Switched Access, the new service date may not exceed the original service date by more than 30 calendar days. If the requested service date is more than 30 calendar days after the original service date, the ASR will be canceled by the Telephone Company and cancellation charges in 3.2.6 will apply. The ASR will be reissued with the new service date.

For Special Access, except as specified below, the new service date may not exceed the original service date by more than 30 calendar days. If the requested service date is more than 30 calendar days after the original service date, the ASR will be canceled by the Telephone Company. Cancellation charges in 3.2.6 will apply and the ASR will be reissued with the new service date unless the customer indicates that billing for the service is to commence as in 3.2.6(A).

With the agreement of the Telephone Company, a new service date may be established that is prior to the original service date and the provisions in (E) will apply in addition to the Service Date Change Charge. The applicable charge is: (T)

Rate
$64.95

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(A) Types of Rates and Charges (Cont'd)

(3) Nonrecurring Charges (Cont'd)

(f) Switched Access Ordering Charges

Switched Access Ordering Charges are associated with the work performed by the Telephone Company in connection with the receiving, recording and processing of customer service requests. There are two types of service ordering charges.

(1) Initial Ordering Charge - Switched Access (T)

This charge, applied on a per ASR basis, is associated with the work performed by the Telephone Company in connection with the receiving, recording and processing of service requests. The Switched Access Ordering Charge applies to all requests to establish Entrance Facilities, Direct-Trunked Transport Facilities, and Tandem-Switched Transport Facilities. Where Entrance Facilities and Direct-Trunked and/or Tandem-Switched Transport are ordered on a single ASR, only one Switched Access Ordering Charge applies. This charge is in addition to any Service Installation Charge for Entrance Facility installations.

All nonrecurring charges (NRCs) for service connection are waived when a customer converts trunks from tandem-switched to direct-trunked or from direct-trunked to tandem-switched. NRCs are also waived if a customer orders the discontinuance of over-provisioned trunks. Waiver of these NRCs will be effective immediately and continue through December 31, 1994.

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(A) Types of Rates and Charges (Cont'd)

(3) Nonrecurring Charges (Cont'd)

(f) Switched Access Ordering Charges (Cont'd)

(2) Subsequent Ordering Charge - Switched Access (T)

This charge applies on a per ASR basis for modifications to an existing service. This would include activities such as:

- Changes and/or additions to end office services optional arrangements (changes in hunt group or screening arrangements).
- The combination or splitting of FGA or BSA-A hunt groups.
- A move to a new point of termination within the same CDL.
- A change for rating purposes from one type of Transport to another (i.e., Special to Switched).
- The activation or deactivation of 900 SAC NXX codes on a per tandem level basis.
- The addition of Calling Party Number (CPN) Parameter, Carrier Selection Parameter (CSP), and Charge Number (CN) Parameter when ordered subsequent to the provision of SS7 Out of Band Signaling.
- Changes in FGD or BSA-D switched access and 800/888/877 SAC Access signaling from multifrequency address signaling to SS7 Out of Band Signaling except as specified in 4.5.2(G)(1).
- All nonrecurring charges (NRCs) for service connection are waived when a customer converts trunks from tandem-switched to direct-trunked or from direct-trunked to tandem-switched. NRCs are also waived if a customer orders the discontinuance of overprovisioned trunks. Waiver of these NRCs will be effective immediately and continue through December 31, 1994.

4. SWITCHED ACCESS (Cont'd)

4.5 Rate and Charge Regulations (Cont'd)

4.5.2 Rate Regulations (Cont'd)

(A) Types of Rates and Charges (Cont'd)

(3) Nonrecurring Charges (Cont'd)

(h) Design Change Charge (T)

A design change is any change to a pending ASR or a change to an existing service which requires engineering review or change. Design changes may include the addition or deletion of End Office Services Optional Arrangements or changes in the signaling arrangements associated with the Interface Arrangements as described in 4.2.3(B). Design changes do not include a change of Switched Access Interface Arrangement or facility type, IC CDL, end user premises, end office switch, Feature Group or Basic Serving Arrangement type. Changes of this nature will require the issuance of a new ASR and the cancellation of the original ASR with the appropriate cancellation charges applied.

The Telephone Company will review the requested change, notify the customer whether the change 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 for Switched Access Service in Section 4.6.1(C) will apply on a per ASR per occurrence basis for each request requiring a design change.

The Design Change Charge is in addition to any Switched Ordering charges associated with the change requested. When the design change is on a pending ASR, the Initial Ordering Charge - Switched Access will apply. If the design change is to an existing service, the Subsequent Ordering Charge - Switched Access will apply.

If a change of service date is required, the Service Date Change Charge in 3.2.2(A) will also apply.

FACILITIES FOR INTRASTATE ACCESS

4. SWITCHED ACCESS (Cont'd)

4.6 Rates and Charges

4.6.1 Nonrecurring Charges

(A) Trunk Activation Charge

Per Order	$279.06

(B) Switched Access Service Ordering Charges

	Per ASR Rate	
Initial	$82.00	(T)
Subsequent	$82.00	(T)

(C) Design Change Charge

Per ASR/Per Occurrence	$35.00

(D) 500 NXX Translation Charge

Per ASR/Per End Office	$82.00

5. SPECIAL ACCESS (Cont'd)

5.2 Description of Special Access (Cont'd)

5.2.1 Voiceband

(A) Two-Wire Voiceband Facility (T)

These facilities are unconditioned and are capable of transmitting voice or data signals within the frequency spectrum of approximately 300 Hz to 3000 Hz. These facilities are furnished on a two-point or multipoint basis and may be terminated two-wire or four-wire at the point of termination. They permit the simultaneous transmission of information in both directions over a circuit, but it is not possible to ensure independent information transmission in both directions. Supplemental features may be added, at applicable charges, to enhance the operational capabilities of these facilities.

(B) Four-Wire Voiceband Facility (T)

These facilities are unconditioned and are capable of transmitting voice or data signals within the frequency spectrum of approximately 300 Hz to 3000 Hz. The facilities are furnished on a two-point or multipoint basis and may be terminated two-wire or four-wire at the point of termination. When terminated four-wire, they permit simultaneous independent transmission of information in both directions over a circuit. However, when terminated two-wire, simultaneous independent transmission cannot be supported. Supplemental features may be added, at applicable charges, to enhance the operational capabilities of these facilities.

5. SPECIAL ACCESS (Cont'd)

5.2 Description of Special Access (Cont'd)

5.2.2 (Reserved for Future Use)

5.2.3 Program Audio

These facilities are arranged and provided for the transmission of non-broadcast audio to be broadcast or which is to be used in connection with loudspeakers, wired music, closed circuit or recordings. Facilities to be used in conjunction with broadcast audio must be ordered from the appropriate interstate tariff. Audio facilities are furnished for transmission in one direction. Audio facilities may be provided on a two-point or multipoint basis.

Program audio facilities are provided on either a full-time or part-time basis. The minimum periods for full-time and part-time service are set forth in Section 3.2.4. When a part-time program audio service is provided for ten or more consecutive days, it will be treated as a full-time service and rated accordingly. In no event will the charge for continuous part-time program audio exceed the amount that would have been charged in the same time period for full-time program audio facilities.

Listed below are the types of Program Audio facilities that are offered under this tariff.

(A) 200 to 3500 Hz (T)

Facilities are generally acceptable for speech quality programming and are subject to use over limited distance due to transmission factors.

(B) 100 to 5000 Hz (T)

Facilities are generally acceptable for music and provide good quality speech programming.

(C) 50 to 8000 Hz (T)

Facilities for the provision of high fidelity music transmission.

(D) 50 to 15000 Hz (T)

Facilities for the provision of high fidelity music transmission. Two such facilities may be conditioned, at applicable charges, for stereo operation.

5.2.4 Videoband (T)

These facilities are arranged and provided for the transmission of television which is to be used other than for broadcast purposes in connection with viewing or recording. Facilities to be used in connection with broadcast video services must be ordered from the appropriate interstate tariff.

5. SPECIAL ACCESS (Cont'd)

5.2 Description of Special Access (Cont'd)

5.2.5 Wideband Analog (T)

These facilities are two-point and are furnished between CDLs or between a CDL and a Telephone Company designated Hub Wire Center where multiplexing is offered. The three types of Wideband Analog facilities are:

(A) Group band facilities with a bandwidth from 60 kHz to 108 kHz for the transmission of a 12 circuit frequency division multiplexer (FDM) group.

(B) Supergroup band facilities with a bandwidth from 312 kHz to 552 kHz for the transmission of a 60 circuit FDM supergroup.

(C) Mastergroup band facilities with a bandwidth from 564 kHz to 3084 kHz for the transmission of a 600 circuit FDM mastergroup.

5.2.6 Wideband Data Service * (T)

These analog facilities are arranged and furnished for two-point simultaneous two-way transmission of high speed data between two CDLs. These facilities are normally utilized for the following data speeds: 19.2 Kbps, 50 Kbps, 56 Kbps and 230.4 Kbps.

5.2.7 High Capacity Digital (T)

These facilities are two-point and are furnished between CDLs or between a CDL and a Telephone Company designated Hub Wire Center where multiplexing is offered. High Capacity facilities may be used to provide Special Access Lines as set forth in 5.1.1(C)(2). A High Capacity to Voice multiplexing arrangement, as described in Section 5.5, is required at the Hub Wire Center.

(A) DS1 facilities provide for the transmission of isochronous bipolar serial data at a rate of 1.544 Mbps.

(B) DS1C facilities provide for the transmission of isochronous bipolar serial data at a rate of 3.152 Mbps.

(C) FT1 facilities are furnished for the transmission of isochronous bipolar serial data and are available at transmission rate groupings of N x 56 Kbps or N x 64 Kbps where N equals 2, 4, or 6. FT1 channels are contiguous within the network and can be used to create a wideband circuit using customer provided equipment. When N x 64 FT1 is ordered in conjunction with DS1 service for multiplexing purposes, the DS1 must have Clear Channel Capability as described in 5.8.1. FT1 Service at a rate of N x 64 Kbps will only be provided where Clear Channel Capability is available in the network. Where Clear Channel Capability is not available, N x 56 Kbps service can be provided in lieu of N x 64 Kbps.

* Limited to existing customers at existing locations.

5. SPECIAL ACCESS (Cont'd)

5.2 Description of Special Access (Cont'd)

5.2.7 High Capacity Digital (Cont'd) (T)

(D) (Reserved for Future Use)

(E) DS3 facilities provide for the transmission of isochronous bipolar serial data at a rate of 44.736 Mbps. The Telephone Company will provide an electrical interface with the service unless otherwise specified by the customer.

(F) DS3C facilities provide for the transmission of isochronous bipolar serial data at a rate of 89.472 Mbps. The Telephone Company will provide an optical interface with this service unless the service is provided via microwave, in which case an electro-magnetic interface is provided, or unless the customer requests an electrical interface.

5.2.8 Digital Data Service (T)

Facilities for Digital Data Service are furnished for the simultaneous two-way transmission of synchronous data and are available at transmission speeds of: 2.4 Kbps, 4.8 Kbps, 9.6 Kbps or 56 Kbps. Digital Data facilities may be provided on a two-point or multipoint basis.

5.2.9 (Reserved for Future Use)

5.2.10 (Reserved for Future Use)

5. SPECIAL ACCESS (Cont'd)

5.4 Description of Supplemental Features

Supplemental Features are items which can be added to a Special Access service to provide enhanced capabilities or improve its utility. References to specific uses or Special Access types indicate the most effective use for each Supplemental Feature. Customer use for other purposes or with other Special Access types is limited only to the extent that such use must not harm the network. Further, the Telephone Company does not guarantee functional operation of Supplemental Features for these alternate applications.

Listed below are the Supplemental Features that are offered under this tariff.

5.4.1 Bridging

Bridging is the function of connecting three or more CDLs in a multipoint arrangement. Listed below are those bridging services offered under this tariff.

(A) MultiPoint Data Bridging (T)

This feature provides the capability to derive a multipoint data circuit from a single facility and is normally provided on Voiceband facilities provided for transmission of data signals. This function is provided on a per port basis. Polled multipoint data circuits are a typical application of this feature.

5. SPECIAL ACCESS (Cont'd)

5.4 Description of Supplemental Features (Cont'd)

5.4.1 Bridging (Cont'd)

(B) Voice Conference Bridging (T)

Bridging arrangement to connect multiple Voiceband facilities in order that a voice frequency input signal from any location will be reproduced at the output of all other circuit locations. This function is provided on a per port basis.

(C) Alarm Distribution Bridging (T)

Provides polling type bridging capabilities, band splitting filters and conversion of four-wire common terminations up to a capacity of 40 two-wire terminations. This function is offered as two tariff elements. The first element provides all shelving and common equipment for a capacity of 40 two-wire terminations. The second element provides a two-wire port. One common equipment rate element will apply to accommodate up to 40 two-wire terminations. One two-wire port charge will apply to each two-wire Special Access Line terminated in the bridge.

(D) Program Audio Bridging (T)

An arrangement to provide multiple channel outputs from a single Program Audio or Voiceband facility. This arrangement is provided and rated on a per port basis.

(E) (Reserved for Future Use)

(F) DDS Bridging (T)

Provides for a multi-junction unit (MJU) arrangement to bridge 2.4 kbps, 4.8 kbps, 9.6 kbps, or 56 kbps DDS facilities. Different speeds cannot be mixed on the same bridge. This function is provided on a per port basis.

5. SPECIAL ACCESS (Cont'd)

5.4 Description of Supplemental Features (Cont'd)

5.4.2 Conditioning Arrangements – Data

Data conditioning, when utilized in conjunction with effective four-wire Voiceband transmission facilities, improves the characteristics of these facilities. These improved characteristics are not represented to apply to the entire end to end facility of the customer, but only to that portion of the facility provided by the Telephone Company.

There are three types of data conditioning: Type C, Type C-Improved and Type DA. Type C and Type C-Improved conditioning control attenuation distortion and envelope delay distortion. Type DA controls the signal to C-notched noise ratio and intermodulation distortion. Type C and Type DA conditioning may be combined on the same circuit. Type C-Improved and Type DA conditioning may be combined on the same circuit.

Data conditioning is charged for on a per Special Access line basis. The parameters listed for each type of data conditioning apply from two or more CDLs located within the Telephone Company serving area. Conditioning parameters apply to each end of a two-point circuit. For multipoint circuits, the conditioning parameters apply from any CDL to either the point of interface at another CDL or the first Telephone Company bridging point depending on the circuit configuration. These parameters are not applicable to High Capacity or Wideband Analog points of interface, because there is no voice frequency test access point. In these instances the data conditioning parameters apply to the last telephone company voice frequency test access point before the High Capacity or Wideband Analog point of interface.

(A) Type C (T)

Type C conditioning of Voiceband facilities provides a facility with the following transmission parameters enhanced to meet the values specified for Type C conditioning in Section 7000 of the GTE Technical Interface Reference Manual in addition to the standard parameters for Voiceband circuits.

(1) Attenuation distortion with reference to 1004 Hz.

(2) Envelope delay distortion.

(B) Type C-Improved

Type C-Improved conditioning of Voiceband facilities provides a facility with the following transmission parameters enhanced to meet the values specified for Type C conditioning in Section 7000 of the GTE Technical Interface Reference Manual in addition to the standard parameters for Voiceband circuits.

(1) Improved attenuation distortion with reference to 1004 Hz. (T)

(2) Improved envelope delay distortion. (T)

The customer may choose to order Improved Attenuation Distortion or Improved Envelope Delay Distortion or **both configurations.** The rates specified for Type C-Improved conditioning, Section 5.7.2(B), will apply regardless of the configuration specified. (T)

5. SPECIAL ACCESS (Cont'd)

5.4 Description of Supplemental Features (Cont'd)

5.4.2 Conditioning Arrangements - Data (Cont'd)

(C) Type DA (T)

Type DA conditioning of Voiceband facilities provides a facility with the following transmission parameter enhanced to meet the values specified for Type DA conditioning in Section 7000 of the GTE Technical Interface Reference Manual in addition to the standard parameters for voiceband circuits.

(1) Signal to C-notched noise ratio.

(2) Nonlinear signal to second order distortion.

(3) Nonlinear signal to third order distortion.

5. SPECIAL ACCESS (Cont'd)

5.4 Description of Supplemental Features (Cont'd)

5.4.3 Conditioning - Program Audio (T)

(A) Stereo Conditioning

Provides the option of two radio program facilities which are identical in all transmission characteristics. Two Program Audio facilities are required to provide this Supplemental Feature. This feature is normally used only with Program Audio 50 to 15000 Hz facilities. Stereo Conditioning is charged on a per occurrence basis.

(B) Zero Loss (T)

Conditioning of Program Audio facilities to provide zero loss at 1000 Hz test frequency. Zero Loss is charged on a per Special Access Line basis.

5.4.4 Signaling Arrangements (T)

Signaling arrangements, when furnished with Voiceband transmission facilities, enable the facilities to accommodate standard telecommunications signaling protocols. Signaling arrangements provide for the conversion of one signaling method to another signaling method and/or extension of a signaling method at customer and Telephone Company interfaces and enables the transmission facilities to accommodate signaling transmission. Signaling arrangements are available with Voiceband transmission facilities to enable transmission of requested signaling formats. The third and fourth protocol characters of the Network Channel Interface (NCI) and Secondary Network Channel Interface (SEC NCI) codes as indicated on the customer's order, reflect signaling activity. Typical protocol characters contained in the NCI or SEC NCI codes that designate signaling arrangements are: AB, AC, DS, DX, DY, EA, EB, EC, EX, GO, GS, LA, LB, LC, LO, LR, LS, NO, RV and SF.

The customer identified NCI and SEC NCI codes will be considered the customer's request for signaling. The Telephone Company will endeavor to provide the specific signaling protocols requested by the customer. In those cases where facilities and equipment are not available to meet the customer's specific requests, the Telephone Company will provide the customer acceptable alternate protocols. Sections 3300, 6000 and 7000 of the GTE Technical Interface Reference Manual provide detailed technical descriptions of the signaling protocols normally available with each service offering. To properly provision SF signaling, when associated signaling code, is DS (PCM), additional information of SF requirements (loop signaling type DX/E&M or ringdown) must accompany the customer's order.

Signaling arrangement charges apply whenever interfaces at the customer premises or at the customer's Telephone Company serving wire center require a signaling arrangement other than those provided with the Terminating Options in 5.3.2 preceding. Signaling Arrangements will be charged on a per SAL basis. Specifically, a signaling charge applies if the signaling protocol characters in the NCI and the SEC NCI fields are different and include one of the following codes: RV, EX, SF, DX, DY, DS, AB.

5. SPECIAL ACCESS (Cont'd)

5.4 Description of Supplemental Features (Cont'd)

5.4.4 Signaling Arrangements (Cont'd)

For the above conditions, one additional signaling charge applies for each additional leg of multipoint circuit. When a Multiplexing Arrangement is ordered that converts a single higher capacity or bandwidth circuit into several lower Voiceband circuits, the Voiceband Signaling Arrangements are provided as part of the Multiplexing Arrangement, and no additional Signaling Arrangement charges will apply.

A signaling charge applies in addition to any other applicable signaling charge when loop range extension equipment is required. The Telephone Company will obtain customer approval for signaling range extension equipment.

Listed below are the Signaling Arrangements offered under this tariff:

(A) Loop Signaling Range Extension - An arrangement to extend the metallic resistance limitations of loop type signaling. (T)

(B) Conversion of Loop or E&M Signaling to SF - An arrangement to convert loop or E&M signaling to the single frequency signaling format. (T)

(C) E&M to DX Signaling Conversion - Conversion of E&M signaling to the DX signaling format. (T)

(D) E&M to Loop Signaling Conversion - Conversion of E&M signaling format to the loop type signaling. (T)

(E) Loop or E&M to PCM Signaling - Conversion of loop or E&M signaling to the digital (PCM) signaling format. (T)

(F) Automatic Ringdown Signaling (ARD) - A signaling arrangement on a two-point Special Access which converts loop seizure at one end of the facility into ringing signal at the opposite end. (T)

5.4.5 Echo Control

(A) Echo Suppression (T)

An arrangement provided at the customer's request to attenuate reflected speech energy on a four-wire facility. This conditioning is generally required on circuits with long propagation delay. Echo suppression is charged on a per Special Access circuit basis. Echo suppression is an obsolete service offering and is applicable only to those circuits equipped with echo suppression prior to January 1, 1987. Any service rearrangements or order activity on the circuits equipped with echo suppression may require a change to echo canceller as described in 5.4.5(B) following.

5. SPECIAL ACCESS (Cont'd)

5.4 Description of Supplemental Features (Cont'd)

5.4.5 Echo Control (Cont'd)

(B) Echo Canceller (T)

An arrangement provided at the customer's request to cancel reflected speech energy on a four-wire facility. This conditioning is generally required on circuits with long propagation delay. Echo canceller is charged on a per Special Access circuit basis.

5.4.6 Improved Return Loss (T)

Improved Return Loss provides for increased echo return and singing return parameters of an effective two-wire channel. This optional feature is available with certain Voiceband services at a two-wire point of termination when the transmission interface is four-wire at one CDL and two-wire at the other CDL. Placement of Telephone Company equipment may be required at the customer's premises with the two-wire point of termination.

Improved Return Loss rates and charges will apply on a per Special Access Line basis at the rates specified in 5.7.2(B) following. Technical parameters and the applicable Voiceband services are specified in Section 7000 of the GTE Technical Interface Reference Manual.

5.4.7 Voiceband Facility Switching Arrangement (T)

An arrangement to provide switching between two Voiceband Special Access Services. This arrangement may require a Voiceband control circuit to control the switching arrangement at an additional charge.

5.4.8 Automatic Protection Switch (T)

Consists of special switching equipment placed at both ends of a duplicate DS1 facility (i.e., DS1, High Capacity Circuit) for automatic switching to the duplicate (standby) facility in the event the active facility is inoperative.

Duplicate facilities may terminate at a serving wire center, a CDL or both. The option provided under this tariff only includes the APS(s) located at a serving wire center(s). When the duplicate facility terminates at a CDL, the customer will be responsible for providing the associated APS and ensuring it is compatible with the Telephone Company provided switch if appropriate.

The duplicate facilities are not a part of this supplemental feature.

5. SPECIAL ACCESS (Cont'd)

5.4 Description of Supplemental Features (Cont'd)

5.4.9 Improved Termination Option (T)

Improved Termination provides for a fixed 600 ohm impedance, an increased range of transmission levels, and simplex reversal (when applicable) on an effective four-wire channel. This optional feature is available with most Voiceband services with a four-wire point of termination. Telephone Company equipment is required at the customer's premises where this option is ordered.

The Improved Termination option will be ordered and rates and charges, as set forth in 5.7.2(B) following, will apply on a per SAL basis. Technical parameters and the applicable Voiceband services are specified in Section 7000 of the GTE Technical Interface Reference Manual.

5.4.10 Improved Equal Level Echo Path Loss Option - ELEPL-2 (T)

This option provides improved echo control parameters for an effective two-wire channel at a four-wire point of termination. Placement of Telephone Company equipment may be required at the customer's premises with the two-wire point of termination.

The term "Equal Level Echo Path Loss" (ELEPL) represents the measure of Echo Path Loss (EPL) at a four-wire interface which is corrected by the difference between the send and receive Transmission Level Point (TLP), i.e., ELEPL = EPL - TLP (send) + TLP (receive).

Improved ELEPL rates and charges will apply on a per SAL basis at the rates set forth in 5.7.2(B) following. Technical parameters are specified in Section 7000 of the GTE Technical Interface Reference Manual.

5. SPECIAL ACCESS (Cont'd)

5.5 Description of Multiplexing Arrangements

Multiplexing Arrangements provide the function to convert a single higher capacity or bandwidth circuit for bulk transport to several lower capacity or bandwidth circuits. Cascading multiplexing occurs when a high capacity analog or digital channel is de-multiplexed to provide channels with a lesser capacity and one of the lesser capacity channels is further de-multiplexed. For example, a DS1C may be de-multiplexed to two DS1 facilities and then the DS1 facilities may be further de-multiplexed to 24 Voiceband channels.

When cascading multiplexing is performed in the same or different Hub Wire Center, a charge for the additional multiplexing unit will also apply. When cascading multiplexing is performed at a different Hub Wire Center, Special Transport will also apply between the involved Hub Wire Centers.

Listed below are the multiplexing arrangements offered under this tariff.

(A) (Reserved for Future Use)

(B) Group to Voice (T)

An arrangement that multiplexes twelve voice grade circuits to a single wideband analog group band circuit, or multiplexes a single wideband analog group band circuit to twelve voice grade circuits.

(C) Supergroup to Group (T)

An arrangement that multiplexes five wideband analog group band circuits to a single wideband analog supergroup band circuit, or multiplexes a single wideband analog supergroup band circuit to five wideband analog group band circuits.

(D) Mastergroup to Supergroup (T)

An arrangement that multiplexes ten wideband analog supergroup band circuits to a single wideband analog mastergroup band circuit, or multiplexes a single wideband analog mastergroup band circuit to ten wideband analog supergroup band circuits.

(E) DS1 to Voice (T)

An arrangement that multiplexes twenty-four voice grade circuits to a 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. If this DS1 terminates in a DDS hub, a channel(s) of the DS1 can be used to provide DDS; however, DDS service stops at the DS1 interface. Multiple channels may be required to provide individual Program Audio Channels.

Up to 16 channels of this DS1 can be used for Direct Digital Service (DDS-like service) with the assurance that circuit performance parameters will be met. If more than 16 channels are used for DDS-like service, the performance parameters for the DS1 and all circuits riding the DS1 will not be guaranteed.

FT1 can be used in conjunction with DS1 to Voice Multiplexing in groupings of N x 56 Kbps or N x 64 Kbps where N = 2, 4, or 6, to a single DS1 digital circuit at a rate of 1.544 Mbps.

5. SPECIAL ACCESS (Cont'd)

5.5 Description of Multiplexing Arrangements (Cont'd)

(F) (Reserved for Future Use)

(G) (Reserved for Future Use)

(H) (Reserved for Future Use)

(I) DS3 to DS1 (T)

An arrangement that multiplexes twenty-eight DS1 digital circuits to a single DS3 digital circuit at a 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.

(J) DS3C to DS1 (T)

An arrangement that multiplexes fifty-six DS1 digital circuits to a single DS3C digital circuit at a rate of 89.472 Mbps, or multiplexes a single DS3C digital circuit at a rate of 89.472 Mbps to fifty-six DS1 digital circuits.

(K) Group to DS1 (T)

An arrangement that multiplexes two wideband analog groupband circuits to a 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 two wideband analog groupband circuits.

(L) Digital Data Carrier Multiplexer (T)

An arrangement that multiplexes a single DS1 1.544 Mbps digital circuit to twenty-three DSO digital ports for connection to either a subrate data multiplexer as described in 5.5(M) following or 56 Kbps digital circuits.

(M) Digital Data Subrate Multiplexer (T)

Used with cascading multiplexing, the Digital Data Subrate Multiplexer is an arrangement that multiplexes the following quantities of subrate digital data circuits into a single DSO digital port: 1) twenty 2.4 Kbps, 2) ten 4.8 Kbps or 3) five 9.6 Kbps. In turn, the DSO digital port is then multiplexed to a single DS1 digital circuit using the Digital Data Carrier Multiplexer described in 5.5(L) preceding.

5. SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

5.6.1 Types of Rates and Charges (Cont'd)

(D) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for specific work activity, (i.e., installation of service or change to an existing service). The types of nonrecurring charges that apply for Special Access Service are those listed below.

(1) Special Access Ordering Charges

Special Access Ordering Charges are associated with the work performed by the Telephone Company in connection with the receiving, recording and processing of customer service requests. There are two types of service ordering charges.

(a) Initial Ordering Charge - Special Access (T)

This charge applies on a per Access Service Request (ASR) basis, including those requests to add additional termination to an existing service.

(b) Subsequent Ordering Charge - Special Access (T)

This charge applies on a per ASR basis for modifications to an existing service. This would include activities such as:

Additions of supplemental features and multiplexing arrangements.

Changes in the type of transport rate option from Switched Transport to Special Transport for FGA and FGB Switched Access Service as described in 4.1 preceding.

(2) Nonrecurring Charge for Service Installation

The Nonrecurring Charge for service installation is associated with the work performed by the Telephone Company in connection with the physical installation activities involving central office and/or outside plant facilities. This charge applies on a per SAL basis for the installation of service, and for additional terminations to existing service.

5. SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

5.6.1 Types of Rates and Charges (Cont'd)

(D) Nonrecurring Charges (Cont'd)

(3) Design Change Charge (T)

The customer may request a design change to the service ordered. A design change is any change to a pending ASR for Special Access Service which requires engineering review. Design changes include such things as the addition or deletion of supplemental features or changes in the terminating options. Design changes do not include a change of IC CDL or end user premises when its serving wire center changes or Special Access service type (e.g., 2-wire to 4-wire Voiceband or Voiceband to Program Audio, etc.). Changes of this nature will require the issuance of a new ASR and the cancellation of the original ASR. The cancellation charges apply as set forth in 3.2.6.

The Telephone Company will review the requested change, notify the customer whether the change can be accommodated and specify 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, in 5.7.1, will apply on a per ASR per occurrence basis, for each ASR requiring a design change.

If a change of service date is required, the Service Date Change Charge in Section 3 will also apply.

(4) Installation of Supplemental Features and Multiplexing Arrangements

Nonrecurring charges apply for the installation of certain supplemental features and multiplexing arrangements available with Special Access service. The charge applies whether the feature or multiplexing arrangement is installed coincident with the initial installation of service or at any time subsequent to the installation of service. These charges are in addition to the appropriate Special Access Ordering Charge as set forth in 5.6.1(D)(1).

(5) Installation of DS1 and FT1 Special Access Lines

(a) There are two levels of NRC and monthly charges for the installation of a DS1 SAL in 5.7.7(A). The "First System" charge is assessed per SAL for the first DS1 service ordered by a customer between CDLs or a hub wire center. When the same customer requests additional DS1 service on the same ASR, to be installed at the same time and between the same CDLs as the "First System" DS1 SAL, the lesser charge under "Additional System" will apply.

(D)
(D)

5. SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

5.6.1 Types of Rates and Charges (Cont'd)

(D) Nonrecurring Charges (Cont'd)

(5) Installation of DS1 and FT1 Special Access Lines (Cont'd)

(b) Fractional T1 Standard Arrangements (T)

Customers subscribing to Fractional T1 service, at rates set forth in 5.7.9(A), will be assessed a nonrecurring charge. The NRC for Fractional T1 service will be assessed per SAL.

(c) Fractional T1 Optional Payment Plan (OPP) Arrangements (T)

Customers subscribing to the Fractional T1 OPP arrangements, at rates set forth in 5.7.9(B), will not be assessed a nonrecurring charge.

The regulations in Section 5.6.1(D)(8) will apply to FT1 OPP customers when required for changes and other service rearrangements.

5. SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

5.6.9 Special Access Surcharge (T)

Pending the development of techniques to accurately measure usage of local facilities which are interconnected by users by means of intrastate or foreign telecommunications, a surcharge of $25.00 per service per month will be assessed to a two point Special Access Service, and to each additional Special Access Line when the service is configured as multipoint. The Special Access Surcharge will also be assessed upon Wideband Analog, High Capacity Digital and FT1 Services on a voiceband equivalent basis. The voiceband equivalency for these type services is as follows:

-High Capacity DS1 equates to 24 Voiceband Facilities
-High Capacity DS1C equates to 48 Voiceband Facilities
-High Capacity DS3 equates to 672 Voiceband Facilities
-High Capacity DS3C equates to 1344 Voiceband Facilities
-Wideband Group equates to 12 Voiceband Facilities
-Wideband Supergroup equates to 60 Voiceband Facilities
-Wideband Mastergroup equates to 600 Voiceband Facilities
-Each 56 Kbps or 64 Kbps Channel in a FT1 Service equates to one Voiceband Facility.

The Special Access Service will be exempted from the monthly surcharge if the customer provides the Telephone Company written certification that the termination is one of the following: (T)

(1) The open end termination (dial tone end) of a Foreign Central Office Line, Common Control Switching Arrangement (or equivalent) or Off Network Access Line (ONAL).

(2) Any termination of an analog circuit used for radio or television program transmission.

(3) Any termination of a line used for telex service.

(4) Any termination of a line by nature of its operating characteristics and nature of connection could not make use of common lines.

(5) Any line termination, other than (1) through (4) preceding, which is subject to the following charges: (a) Carrier Common Line, (b) End Office Switching, and (c) Switched Transport.

(6) A termination that the customer certifies to the Telephone Company is not connected to a PBX or other device capable of interconnecting the Special Access Service to the local network. If the PBX or other device has been configured either through software programming or physical restrictions not to access the local network, then the customer may file the surcharge exemption for the Special Access Service terminating on this equipment.

FACILITIES FOR INTRASTATE ACCESS

5. SPECIAL ACCESS (Cont'd)

5.6 Rate Regulations (Cont'd)

5.6.9 Special Access Surcharge (Cont'd)

In order for the Telephone Company to determine the application of the surcharge with respect to specific services, the customer must report the intended use of all services when placing ASRs for Special Access Service. In addition, when ordering High Capacity Analog or Digital services, the customer must report the use for each voice equivalent circuit of the high capacity service. When any circuit is reported wholly used in any manner described in (1) through (6) preceding, the surcharge will not apply. If the intended use is not reported, the surcharge will apply.

If, at any time after the installation of a service which is subject to the surcharge, the customer reports that the service is being used consistently with any exception listed above, the Telephone Company will credit the customer for the surcharge. Credit will not be given beyond the receipt date of the certification for exemption.

5.6.10 Message Station Equipment Recovery Charge (T)

Message Station Equipment Recovery Charge is a charge to recover that portion of message station equipment which is assigned to Special Access Service. Since there is zero cost assigned to Message Station Equipment Recovery in Special Access the charge is $.00.

5.6.11 (Reserved for Future Use)

FACILITIES FOR INTRASTATE ACCESS

5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges

5.7.1 Nonrecurring Charges

Special Access Ordering Charges

Design Change

Initial Order	Subsequent Order	Per ASR/Per Occurrence	
$116.24	$85.85	$27.00	(T)

5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

5.7.2 Voiceband Facilities

(A) Standard Arrangements

Special Transport (Per Airline Mile) Monthly Rate	Special Access Line Nonrecurring Charge	Special Access Line Two-Wire Monthly Rate	Special Access Line Four-Wire Monthly Rate	
				(T)
$ 5.71	$210.00	$34.72	$66.15	(T)

(B) Optional Arrangements

Supplemental Features: Multipoint Data Bridging (Per Port) Nonrecurring Charge	Multipoint Data Bridging (Per Port) Monthly Rate	Voice Conference Bridging (Per Port) Nonrecurring Charge	Voice Conference Bridging (Per Port) Monthly Rate	
				(T)
$ 0.00	$ 8.00	$ 0.00	$ 8.00	

Supplemental Features: Alarm Distribution Bridging Common Equipment Nonrecurring Charge	Common Equipment Monthly Rate	Per Two-Wire Port Nonrecurring Charge	Per Two-Wire Port Monthly Rate	
				(T)
$ 0.00	$30.00	$ 0.00	$ 2.00	

5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

5.7.2 Voiceband Facilities (Cont'd)

(B) Optional Arrangements (Cont'd)

Supplemental Features
Conditioning Arrangements - Data

Type C		Type DA		
Nonrecurring Charge	Monthly Rate	Nonrecurring Charge	Monthly Rate	
$ 0.00	$ 11.86	$ 0.00	$ 2.00	(T)

Supplemental Features
Conditioning Arrangements - Data

Type C - Improved		
Nonrecurring Charge	Monthly Rate	
$ 3.00	$ 30.00	(T)

Supplemental Features
Signaling Arrangement

Loop Signaling Range Extension, per SAL		Loop or E&M to SF, per SAL		
Nonrecurring Charge	Monthly Rate	Nonrecurring Charge	Monthly Rate	
$ 0.00	$ 10.00	$ 0.00	$ 16.00	(T)

Supplemental Features
Signaling Arrangement

E&M to DX, per SAL		E&M to Loop, per SAL		
Nonrecurring Charge	Monthly Rate	Nonrecurring Charge	Monthly Rate	
$ 0.00	$ 14.00	$ 0.00	$ 12.00	(T)

5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

5.7.2 Voiceband Facilities (Cont'd)

(B) Optional Arrangements (Cont'd)

Supplemental Features
Signaling Arrangement

Loop or E&M to PCM, per SAL		Automatic Ringdown, per SAL		
Nonrecurring Charge	Monthly Rate	Nonrecurring Charge	Monthly Rate	
$ 0.00	$ 4.00	$ 0.00	$16.78	(T)

Supplemental Features
Echo Control

Echo Suppression, per circuit *		Echo Canceller, per circuit		
Nonrecurring Charge	Monthly Rate	Nonrecurring Charge	Monthly Rate	
$ 0.00	$ 30.00	$ 0.00	$ 85.00	(T)

Supplemental Features
Voiceband Facility Switching Arrangement

Nonrecurring Charge	Monthly Rate	
$ 0.00	$ 7.00	(T)

* Obsolete and is applicable only to existing customers at existing locations.

5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

5.7.2 Voiceband Facilities (Cont'd)

(B) Optional Arrangements (Cont'd)

Supplemental Features			
Improved Return Loss, Per SAL		Improved Termination Option, Per SAL	
Nonrecurring Charge	Monthly Rate	Nonnrecurring Charge	Monthly Rate
$ 0.00	$ 3.75	$ 0.00	$ 10.00

(T)

Supplemental Features	
Improved Equal Level Echo Path Loss, Per SAL	
Nonrecurring Charge	Monthly Rate
$ 0.00	$ 3.75

(T)

5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

5.7.3 Program Audio Facilities

(A) Standard Arrangements - (200-3500 Hz)

Special Transport (Per Airline Mile)		Special Access Line			
Monthly Rate	Daily Rate	Nonrecurring Charge	Monthly Rate	Daily Rate	
					(T)
					(T)
$ 5.02	$ 0.50	$210.00	$ 30.00	$ 3.00	

(B) Standard Arrangements - (100-5000 Hz)

Special Transport (Per Airline Mile)		Special Access Line			
Monthly Rate	Daily Rate	Nonrecurring Charge	Monthly Rate	Daily Rate	
					(T)
					(T)
$59.68	$ 5.97	$210.00	$ 41.00	$ 4.10	

5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

5.7.3 Program Audio Facilities (Cont'd)

(C) Standard Arrangements - (50-8000 Hz)

Special Transport (Per Airline Mile)		Special Access Line			
Monthly Rate	Daily Rate	Nonrecurring Charge	Monthly Rate	Daily Rate	
					(T)
					(T)
$74.65	$ 7.47	$200.00	$ 42.00	$ 4.20	

(D) Standard Arrangements - (50-15000 Hz)

Special Transport (Per Airline Mile)		Special Access Line			
Monthly Rate	Daily Rate	Nonrecurring Charge	Monthly Rate	Daily Rate	
					(T)
					(T)
$89.61	$ 8.96	$200.00	$ 60.42	$ 6.04	

5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

5.7.3 Program Audio Facilities (Cont'd)

(E) Optional Arrangements - (50-15000 Hz Facilities only)

Supplemental Features
Conditioning - Program Audio
Stereo Conditioning, per occurrence

Nonrecurring Charge	Monthly Rate	Daily Rate	
$ 0.00	$ 1.31	$ 0.13	(T)

(F) Optional Arrangements - (All Bandwidths)

Supplemental Features
Program Audio Bridging (Per Port)

Nonrecurring Charge	Monthly Rate	Daily Rate	
$ 0.00	$ 19.15	$ 1.92	(T)

FACILITIES FOR INTRASTATE ACCESS

5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

5.7.3 Program Audio Facilities (Cont'd)

(F) Optional Arrangements - (All Bandwidths) (Cont'd)

Supplemental Features
Conditioning Program Audio - Zero Loss, Per SAL

Nonrecurring Charge	Monthly Rate	Daily Rate
$ 0.00	$15.72	$ 1.57

(T)

5.7.4 (Reserved for Future Use)

FACILITIES FOR INTRASTATE ACCESS

5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

5.7.5 Digital Data Service Facilities
(2.4, 4.8, 9.6, 56 Kbps)

(A) Standard Arrangements

Special Transport All Speeds (Per Airline Mile) Monthly Rate	All Speeds Nonrecurring Charge	Special Access Line 2.4, 4.8, and 9.6 Kbps Monthly Rate	56 Kbps Monthly Rate	
				(T)
$12.07	$262.50	$78.75	$89.25	(T)

FACILITIES FOR INTRASTATE ACCESS

5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

5.7.5 Digital Data Service Facilities (Cont'd)
(2.4, 4.8, 9.6, 56 Kbps)

(B) Optional Arrangements

Supplemental Features DDS Bridging (Per Port)	
Nonrecurring Charge	Monthly Rate
$ 0.00	$11.00

(T)

5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

5.7.6 Multiplexing Arrangements

DS1 to Voice*

Nonrecurring Charge	Monthly Rate	
$800.00	$194.25	(T)

Digital Data Carrier Multiplexer

Nonrecurring Charge	Monthly Rate	
$1,500.00	$550.00	(T)

Digital Data Subrate Multiplexer

One 64 Kbps to Twenty 2.4 Kbps		One 64 Kbps to Ten 4.8 Kbps		
Nonrecurring Charge	Monthly Rate	Nonrecurring Charge	Monthly Rate	
$800.00	$160.00	$800.00	$120.00	(T)

Digital Data Subrate Multiplexer

One 64 Kbps Port to Five 9.6 Kbps

Nonrecurring Charge	Monthly Rate	
$800.00	$100.00	(T)

* All other Multiplexing Arrangements are provided on an Individual Case Basis as described in 5.6.5(B).

FACILITIES FOR INTRASTATE ACCESS

5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

5.7.7 High Capacity Digital DS1 (1.544 Mbps) Facilities

(A) Standard Arrangements

Special Access Line				
First System		Each Additional System		
Nonrecurring Charge	Monthly Rate	Nonrecurring Charge	Monthly Rate	
$945.00	$315.00	$136.50	$165.37	(T) (T)

Special Transport Termination Monthly Rate	Special Transport (Per Airline Mile) Monthly Rate	
$31.50	$23.10	(T)

5. SPECIAL ACCESS (Cont'd)

5.7 Rates and Charges (Cont'd)

5.7.7 High Capacity Digital DS1 (1.544 Mbps) Facilities (Cont'd)

(B) Optional Arrangements

Supplemental Features

Automatic Protection Switching		
Nonrecurring Charge	Monthly Rate	
$700.00	$100.00	(T)

SPECTRALAN Special Transport	
Monthly Rate	
$ 75.00	(T)

5.7.8 (Reserved for Future Use)

5.7.9 High Capacity Digital FT1 Facilities

(A) Standard Arrangements

(1) 2 X 56 Kbps or 2 X 64 Kbps

Special Access Line

Nonrecurring Charge	Monthly Rate	Special Transport	Special Transport Termination	
$450.00	$140.07	$6.94	$22.05	(T) (T)

(2) 4 X 56 Kbps or 4 X 64 Kbps

Special Access Line

Nonrecurring Charge	Monthly Rate	Special Transport	Special Transport Termination	
$450.00	$149.33	$8.09	$33.07	(T) (T)

FACILITIES FOR INTRASTATE ACCESS

5. SPECIAL ACCESS (Cont'd)
5.7 Rates and Charges (Cont'd)
5.7.9 High Capacity Digital FT1 Facilities (Cont'd)

(A) Standard Arrangements (Cont'd)

(3) 6 X 56 Kbps or 6 X 64 Kbps

Special Access Line

Nonrecurring Charge	Monthly Rate	Special Transport	Special Transport Termination	
				(T)
$450.00	$157.43	$9.26	$44.10	(T)

(B) FT1 Optional Payment Plan

(1) 2 X 56 Kbps or 2 X 64 Kbps

Special Access Line

One Year Monthly Rate	Three Year Monthly Rate	Five Year Monthly Rate	Special Transport	Special Transport Termination	
					(T)
$127.33	$114.59	$101.87	$6.94	$22.05	(T)

(2) 4 X 56 Kbps or 4 X 64 Kbps

Special Access Line

One Year Monthly Rate	Three Year Monthly Rate	Five Year Monthly Rate	Special Transport	Special Transport Termination	
					(T)
$138.91	$125.02	$111.13	$8.09	$33.07	(T)

(3) 6 X 56 Kbps or 6 X 64 Kbps

Special Access Line

One Year Monthly Rate	Three Year Monthly Rate	Five Year Monthly Rate	Special Transport	Special Transport Termination	
					(T)
$150.48	$135.43	$120.39	$9.26	$44.10	(T)

FACILITIES FOR INTRASTATE ACCESS

5. SPECIAL ACCESS (Cont'd)

5.8 Miscellaneous Special Access Services

5.8.1 Clear Channel Capability

(A) Description of Service

An arrangement that allows the customer to transport 1.536 Mbps of information through a DS1 with no constraint on the quantity or sequence of one (mark) and zero (space) bits utilizing the Bipolar with Eight Zero Substitution (B8ZS) method of providing bit sequence independence. This arrangement is capable of transporting DS1 signals which utilize Superframe or Extended Superframe Format (ESF) as defined by the American National Standards Institute (ANSI) T1.107-1988 standard. The installation interval for Clear Channel Capability may exceed standard intervals where equipment in the central office is not readily available. The charges apply on a per SAL basis.

This arrangement requires the customer signal at the channel interface to conform to the B8ZS method of providing bit sequence independence, as described in ANSI T1.102-1987 and Section 6103 of the GTE Technical Interface Reference Manual.

(B) Rates, per DS1 SAL:

Nonrecurring Charge	Monthly Rate
$90.00	$24.00

(T)

5.9 Individual Case Basis Rates and Charges

Rates and Charges for Special Access Service provided on an individual case basis are filed following:

Customer Name	Description and Location	MTL/NRC MRC	Termination Liability Period

FACILITIES FOR INTRASTATE ACCESS

6. MISCELLANEOUS SERVICES (Cont'd)
6.2 Additional Labor (Cont'd)

(G) Charges for Additional Labor

Labor Periods

Basic Time, Business Day, Per Technician

First Half Hour or Fraction Thereof	Each Additional Half Hour or Fraction Thereof	
$21.88	$14.58	(T)

Labor Periods

Overtime, Outside the Business Day, Per Technician*

First Half Hour or Fraction Thereof	Each Additional Half Hour or Fraction Thereof	
$27.32	$18.21	(T)

Labor Periods
Premium Time, Outside the Business Day, Per Technician*

First Half Hour or Fraction Thereof	Each Additional Half Hour or Fraction Thereof	
$32.76	$21.83	(T)

* A call out of a Telephone Company employee at a time not consecutive with the business day is subject to a minimum charge of four hours.

ISSUED: February 25, 2015

EFFECTIVE: March 27, 2015

Gary Kepley
Director - Regulatory Operations
Overland Park, Kansas

6. MISCELLANEOUS SERVICES (Cont'd)

6.3 Maintenance of Service Charge (T)

(A) When a customer reports trouble to the Telephone Company for clearance, the customer shall be responsible for payment of a Maintenance of Service Charge when Telephone Company personnel are dispatched to the customer's location and no trouble is found in the Telephone Company's facilities. Failure of Telephone Company personnel to find trouble in Telephone Company facilities will result in no charge if the trouble is actually in those facilities, but not discovered at the time.

In this case, or in (B) following, no credit allowance will be applicable for the interruption involved, unless the trouble is found in the Telephone Company's facilities.

(B) The customer shall be responsible for payment of a Maintenance of Service Charge when the Telephone Company dispatches personnel to the customer's location and the trouble is in equipment or communications systems provided by other than the Telephone Company or in detariffed CPE provided by the Telephone Company.

(C) The Maintenance of Service Charge time period will begin when Telephone Company personnel are dispatched. This will only include the actual time required to reach the customer's location and perform an investigation. The time period will end when the investigation is finished. The labor charge as set forth in 6.2 (G) preceding will apply to Maintenance of Service at the appropriate Basic, Overtime or Premium rate. These charges apply whether the trouble is in the equipment of communications systems provided by other than the Telephone Company, or in detariffed CPE provided by the Telephone Company.

FACILITIES FOR INTRASTATE ACCESS

6. MISCELLANEOUS SERVICES (Cont'd)

6.4 Telecommunications Service Priority (TSP) System (Cont'd)

(G) Rates and Charges (Cont'd)

(4) Establishment of TSP System Service Charge

Nonrecurring Charge Per Circuit	
	(T) (T)
$14.50	

(5) Restoration Priority Rates

Monthly Rate Per Circuit	
	(T) (T)
$ 4.90	

6. MISCELLANEOUS SERVICES (Cont'd)

6.6 Additional Testing (Cont'd)

(C) Rates and Charges

(1) Automatic Scheduled Testing

Basic Offering to First Point of Switching Per Transmission Path, Per Month Rate	
$ 0.45	(T)

(2) Additional Cooperative Scheduled Testing

Basic Offering to First Point of Switching Per Transmission Path, Per Month Rate	
$1.57	(T)

Gain-Slope-To First Point of Switching Per Transmission Path, Per Month Rate	
$ 0.67	(T)

(3) Additional Manual Scheduled Testing

Basic Offering to First Point of Switching Per Transmission Path, Per Month Rate	
$3.14	(T)

Gain-Slope-To First Point of Switching Per Transmission Path, Per Month Rate	
$1.34	(T)

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.3 Frame Relay Service (Cont'd)

(F) Rates and Charges

	Nonrecurring Charges	Monthly Rate	
(1) Frame Relay UNI Port and Access Line, Each*			
56/64** Kbps			(T)
Month to Month	$295.00	$110.00	
1 Year OPP	295.00	105.00	
3 Year OPP	295.00	95.00	
5 Year OPP	295.00	85.00	(T)
128 Kbps			(T)
Month to Month	$395.00	$200.00	
1 Year OPP	395.00	180.00	
3 Year OPP	395.00	165.00	
5 Year OPP	395.00	160.00	(T)
256 Kbps			(T)
Month to Month	$395.00	$280.00	
1 Year OPP	395.00	250.00	
3 Year OPP	395.00	235.00	
5 Year OPP	395.00	220.00	(T)
384 Kbps			(T)
Month to Month	$395.00	$365.00	
1 Year OPP	395.00	345.00	
3 Year OPP	395.00	335.00	
5 Year OPP	395.00	320.00	(T)
DS1 (1.536 Mbps)			(T)
Month to Month	$395.00	$530.00	
1 Year OPP	395.00	510.00	
3 Year OPP	395.00	490.00	
5 Year OPP	395.00	470.00	(T)
(2) Frame Relay UNI Port Only, Each *			
56/64** Kbps			(T)
Month to Month	$ 80.00	$ 45.00	
1 Year OPP	80.00	43.00	
3 Year OPP	80.00	41.00	
5 Year OPP	80.00	38.00	(T)

* Refer to Section 5, Special Access, for appropriate SAL and Transport Rate.

FACILITIES FOR INTRASTATE ACCESS

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)
16.3 Frame Relay Service (Cont'd)

(F) Rates and Charges (Cont'd)

	Nonrecurring Charges	Monthly Rate	
(2) Frame Relay UNI Port Only, Each * (Cont'd)			
128 Kbps			(T)
Month to Month	$ 150.00	$ 80.00	
1 Year OPP	150.00	75.00	
3 Year OPP	150.00	70.00	
5 Year OPP	150.00	68.00	(T)
256 Kbps			(T)
Month to Month	$ 150.00	$ 115.00	
1 Year OPP	150.00	110.00	
3 Year OPP	150.00	105.00	
5 Year OPP	150.00	100.00	(T)
384 Kbps			(T)
Month to Month	$ 150.00	$ 160.00	
1 Year OPP	150.00	150.00	
3 Year OPP	150.00	140.00	
5 Year OPP	150.00	130.00	(T)
DS1 (1.536 Mbps)			(T)
Month to Month	$ 395.00	$ 300.00	
1 Year OPP	395.00	285.00	
3 Year OPP	395.00	265.00	
5 Year OPP	395.00	245.00	(T)
DS3 (44 Mbps)			(T)
Month to Month	$ 395.00	$1180.00	
1 Year OPP	395.00	1140.00	
3 Year OPP	395.00	1090.00	
5 Year OPP	395.00	1050.00	(T)
(3) Frame Relay NNI Port Only, Each *			
56/64 ** Kbps			(T)
Month to Month	$ 55.00	$ 30.00	
1 Year OPP	55.00	27.00	
3 Year OPP	55.00	23.00	
5 Year OPP	55.00	20.00	(T)

* Refer to Section 5, Special Access, for appropriate SAL and Transport Rate.
** Where conditions allow.

ISSUED: February 25, 2015

EFFECTIVE: March 27, 2015

Gary Kepley
Director - Regulatory Operations
Overland Park, Kansas

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.3 Frame Relay Service (Cont'd)

(F) Rates and Charges (Cont'd)

	Nonrecurring Charges	Monthly Rate	
(3) Frame Relay NNI Port Only, Each * (Cont'd)			
128 Kbps			(T)
Month to Month	$ 95.00	$ 45.00	
1 Year OPP	95.00	40.00	
3 Year OPP	95.00	35.00	
5 Year OPP	95.00	30.00	(T)
256 Kbps			(T)
Month to Month	$ 95.00	$ 65.00	
1 Year OPP	95.00	60.00	
3 Year OPP	95.00	55.00	
5 Year OPP	95.00	50.00	(T)
384 Kbps			(T)
Month to Month	$ 95.00	$ 78.00	
1 Year OPP	95.00	75.00	
3 Year OPP	95.00	72.00	
5 Year OPP	95.00	69.00	(T)
DS1 (1.536 Mbps)			(T)
Month to Month	$295.00	$180.00	
1 Year OPP	295.00	170.00	
3 Year OPP	295.00	160.00	
5 Year OPP	295.00	150.00	(T)
S3 (44 Mbps)			(T)
Month to Month	$595.00	$800.00	
1 Year OPP	595.00	750.00	
3 Year OPP	595.00	725.00	
5 Year OPP	595.00	700.00	(T)
(4) 250 Kbps - Burst (Be)	--	$ 2.00	(T)
(5) 1 Mbps - Burst (Be)	--	$ 5.00	(T)
(6) Subsequent Ordering Charge (CIR, Be)	$ 20.00	--	(T)

* Refer to Section 5, Special Access, for appropriate SAL and Transport Rate.

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)
16.3 Frame Relay Service (Cont'd)
(F) Rates and Charges (Cont'd)

	Nonrecurring Charges	Monthly Rate	
(7) Frame Relay Permanent Virtual Circuit CIR Capacity, Each Based on CIR Requested			(T)
1 - 32 Kbps CIR	--	$ 8.00	(T)
Express PVC-1	--	10.00	
Express PVC-2	--	8.80	
33 - 64 Kbps CIR	--	15.00	
Express PVC-1	--	18.75	
Express PVC-2	--	16.50	
65 - 96 Kbps CIR	--	22.00	
Express PVC-1	--	27.50	
Express PVC-2	--	24.20	
97 - 128 Kbps CIR	--	27.00	
Express PVC-1	--	33.75	
Express PVC-2	--	29.70	
129 - 192 Kbps CIR	--	36.00	
Express PVC-1	--	45.00	
Express PVC-2	--	39.60	
193 - 256 Kbps CIR	--	42.00	
Express PVC-1	--	52.50	
Express PVC-2	--	46.20	
257 - 320 Kbps CIR	--	48.00	
Express PVC-1	--	60.00	
Express PVC-2	--	52.80	
321 - 384 Kbps CIR	--	54.00	
Express PVC-1	--	67.50	
Express PVC-2	--	59.40	
385 - 512 Kbps CIR	--	60.00	
Express PVC-1	--	75.00	
Express PVC-2	--	66.00	
513 - 768 Kbps CIR	--	70.00	
Express PVC-1	--	87.50	
Express PVC-2	--	77.00	
769 - 1152 Kbps CIR	--	80.00	
Express PVC-1	--	100.00	
Express PVC-2	--	88.00	
1153 - 1536 Kbps CIR	--	90.00	
Express PVC-1	--	112.50	
Express PVC-2	--	99.00	(T)

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.3 Frame Relay Service (Cont'd)

(F) Rates and Charges (Cont'd)

	Nonrecurring Charges	Monthly Rate	
(7) Frame Relay Permanent Virtual Circuit CIR Capacity, Each Based on CIR Requested (Cont'd)			(T)
1537 - 4000 Kbps CIR	--	$ 120.00	(T)
Express PVC-1	--	150.00	
Express PVC-2	--	132.00	
4001 - 10000 Kbps CIR	--	250.00	
Express PVC-1	--	312.50	
Express PVC-2	--	275.00	
10001 - 15000 Kbps CIR	--	330.00	
Express PVC-1	--	412.50	
Express PVC-2	--	363.00	
15001 - 20000 Kbps CIR	--	410.00	
Express PVC-1	--	512.50	
Express PVC-2	--	451.00	
20001 - 25000 Kbps CIR	--	490.00	
Express PVC-1	--	612.50	
Express PVC-2	--	539.00	
25001 - 30000 Kbps CIR	--	570.00	
Express PVC-1	--	712.50	
Express PVC-2	--	627.00	
30001 - 35000 Kbps CIR	--	650.00	
Express PVC-1	--	812.50	
Express PVC-2	--	715.00	
35001 - 40000 Kbps CIR	--	730.00	
Express PVC-1	--	912.50	
Express PVC-2	--	803.00	
40001 - 45000 Kbps CIR	--	800.00	
Express PVC-1	--	1000.00	
Express PVC-2	--	880.00	(T)

16. ADVANCED COMMUNICATIONS NETWORKS (Cont'd)

16.3 Frame Relay Service (Cont'd)

(F) Rates and Charges (Cont'd)

	Nonrecurring Charges	Monthly Rate	
(8) Public NNI, Based on CIR			(T)
1 - 32 Kbps	$20.00	$ 20.00	(T)
33 - 64 Kbps	20.00	25.00	
65 - 96 Kbps	20.00	30.00	
97 - 128 Kbps	20.00	35.00	
129 - 192 Kbps	20.00	40.00	
193 - 256 Kbps	20.00	50.00	
257 - 320 Kbps	20.00	55.00	
321 - 384 Kbps	20.00	60.00	
385 - 512 Kbps	20.00	70.00	
513 - 768 Kbps	20.00	80.00	
769 - 1,152 Kbps	20.00	90.00	
1,153 - 1,536 Kbps	20.00	105.00	
1,537 - 4,000 Kbps	20.00	135.00	
4,001 - 10,000 Kbps	20.00	290.00	
10,001 - 15,000 Kbps	20.00	410.00	
15,001 - 20,000 Kbps	20.00	510.00	
20,001 - 25,000 Kbps	20.00	610.00	
25,001 - 30,000 Kbps	20.00	700.00	
30,001 - 35,000 Kbps	20.00	775.00	
35,001 - 40,000 Kbps	20.00	875.00	
40,001 - 45,000 Kbps	20.00	975.00	(T)