

FACILITIES FOR INTERSTATE ACCESS  
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Title Page 1 and 2 and Pages 1 through 20-43 inclusive of this tariff are effective as of the date shown. Original and revised pages as named below and Supplement Nos. 1 contain all changes from the original Tariff that are in effect on the date hereof.

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2. GENERAL REGULATIONS (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.3 Cancellation of an ASR

Provisions for the cancellation of an ASR are in 3.2.6.

2.4.4 Credit Allowance for FIA Interruptions(A) General

A FIA is interrupted when it becomes unusable to the customer because of a failure of a component used to furnish FIA under this tariff, or when the service is preempted as a result of invoking NSEP Treatment or when the application of protective controls interrupt all transmission paths as set forth in 4.2.9 following. An interruption period starts when Telephone Company personnel become aware that the FIA is inoperative.

The credit allowance(s) for an interruption or for a series of interruptions will be computed based upon the billing method which applies to the service being credited. In no case will the credit allowance for service interruptions exceed the applicable charges, less any discount, for the billing period during which the interruption occurred. (C)

A credit allowance for any FIA service will apply for the period specified as follows:

- (1) For Special Access services other than Program Audio, Videoband and Expanded Interconnection, and for Switched Access Entrance Facilities, Direct-Trunked Transport and Multiplexing services a credit allowance will be made for an interruption period of 30 minutes or more. The allowance will be calculated at the rate of 1/1440 of the monthly charge for the portion of the FIA affected, for each 30 minutes or major fraction thereof that the interruption continues. A major fraction is considered to be sixteen minutes or more beyond the 30 minute period.
- (2) For Program Audio and Videoband Special Access services, a credit allowance will be made for an interruption of 30 seconds or more. Two or more such interruptions occurring during a period of 5 consecutive minutes shall be considered as one interruption. The allowance will be calculated as follows:
  - (a) For Program Audio Service provided at monthly rates, the credit will be at the rate of 1/8640 of the monthly service rate.
  - (b) For Program Audio Service provided at daily rates, the credit will be at the rate of 1/288 of the daily rate.
  - (c) For Temporary Videoband Service provided at hourly rates, the credit will be at 1/12 of the hourly rate.
- (3) Except as noted, all Special Access Services will be eligible for a credit allowance for each occurrence of a service interruption period greater than 30 minutes. The maximum credit allowance will be \$200.00 for each out of service condition within the Telephone Company's facilities and will not exceed the monthly charge for the interrupted service. The credit allowance will not be applied more than once per calendar month. This credit allowance is applicable in all jurisdictions. The credit allowance is in addition to the credit allowance in 2.4.4(A)(1) and 2.4.4(A)(2). A credit allowance will not be extended in accordance with conditions in 2.1.3(G) and 2.4.4(B) for repair of Telephone Company owned facilities.

The exceptions to this credit allowance are, Part-time Program Audio Service in 5.2.3, Videoband I and II Services in 5.2.4, Miscellaneous Special Access Services in 5.8 and Individual Case Basis Services in 5.9.

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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

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.
- (2) Improved envelope delay distortion.

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.

(C)

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Vice President-Regulatory Operations  
100 CenturyLink Drive  
Monroe, Louisiana 71203

EFFECTIVE DATE:  
October 1, 2016



## FACILITIES FOR INTERSTATE ACCESS

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. (C)
- (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. (C)
- (C) E&M to DX Signaling Conversion - Conversion of E&M signaling to the DX signaling format. (C)
- (D) E&M to Loop Signaling Conversion - Conversion of E&M signaling format to the loop type signaling. (C)
- (E) Loop or E&M to PCM Signaling - Conversion of loop or E&M signaling to the digital (PCM) signaling format. (C)
- (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. (C)

5.4.5 Echo Control(A) Echo Suppression

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.

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## FACILITIES FOR INTERSTATE ACCESS

5. SPECIAL ACCESS (Cont'd)5.5 Description of Multiplexing Arrangements (Cont'd)(E) DS1C to Voice (C)

An arrangement that multiplexes forty-eight voice grade circuits to a single DS1C digital circuit at a rate of 3.152 Mbps, or multiplexes a single DS1C digital circuit at a rate of 3.152 Mbps to forty-eight voice grade circuits.

(F) DS1C to DS1 (C)

An arrangement that multiplexes two DS1 digital circuits to a single DS1C digital circuit at a rate of 3.152 Mbps, or multiplexes a single DS1C digital circuit at a rate of 3.152 Mbps to two DS1 digital circuits.

(G) DS3 to DS1 and/or E1

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.

In addition, where E1 service is available, this arrangement is capable of multiplexing:

- (1) twenty-one E1 digital circuits
- (2) four DS1 and eighteen E1 digital circuits
- (3) eight DS1 and fifteen E1 digital circuits
- (4) twelve DS1 and twelve E1 digital circuits
- (5) sixteen DS1 and nine E1 digital circuits
- (6) twenty DS1 and six E1 digital circuits
- (7) twenty-four DS1 and three E1 digital circuits

to a single DS3 digital circuit at a rate of 44.736 Mbps, or a single DS3 digital circuit at a rate of 44.736 Mbps to one of the combinations set forth in (1) through (7) above.

(H) DS3C to DS1

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.

(I) Group to DS1

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.

(J) Digital Data Carrier Multiplexer

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(K) following or 56 Kbps digital circuits.

(K) Digital Data Subrate Multiplexer

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(J) preceding.

## FACILITIES FOR INTERSTATE ACCESS

5. SPECIAL ACCESS (Cont'd)5.6 Rate Regulations (Cont'd)5.6.8 Video Frame Services (Cont'd)(B) Type II (Cont'd)(4) Use of Video Frame Service - Type II Facilities for Other Than Video Transport

Type II facilities are designed for the express use of Type II video connections. Use of these facilities for transmission of other than video and the associated audio signals, by the customer, may result in interference or impairment of telephone company facilities and will be subject to the provisions in Section 2.2.2.

5.6.9 Special Access Surcharge

Pending the development of techniques to accurately measure usage of local facilities which are interconnected by users by means of interstate 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 FiberConnect equates to a maximum of 96 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.
- High Capacity E1 equates to 30 Voiceband Facilities

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:

(C)  
(D)

- (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 INTERSTATE ACCESS

5 SPECIAL ACCESS (Cont'd)5.8 Miscellaneous Special Access Services5.8.1 Clear Channel Capability

(C)

(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. Clear Channel Capability for DS1 is provided under Section 11.6.3 to the Federal Government.

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.

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## FACILITIES FOR INTERSTATE ACCESS

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

Additional Labor is that labor requested by the customer on a given FIA and agreed to by the Telephone Company as set forth in (A) through (F) following. The Telephone Company will notify the customer that Additional Labor charges as set forth in (G) following will apply before any Additional Labor is undertaken. Additional Labor charges will also apply if the requirement for the Additional Labor is the fault of the customer or parties on whose behalf it acts.

- (A) Overtime Installation (C)  
Overtime installation is that Telephone Company installation effort outside the business day. Overtime rates will apply anytime outside the business day and all day Saturday. Premium time rates will apply all day Sunday and on all Telephone Company approved holidays. For applicable holidays in each jurisdiction contact Issuing Carrier identified on Title Pages 2 and 3 preceding.
- (B) Overtime Repair (C)  
Overtime repair is Telephone Company repair which could have been performed during the normal business day, but that is delayed at the specific request of the customer to a later time period which is outside the normal business day or to a weekend day or holiday. The request will result in the application of overtime rates anytime outside the business day and all day Saturday. Premium time rates will apply on Sunday and Telephone Company approved holidays. These rates, as set forth in Section 6.2 following, will only apply when there is a delay of repair at the request of the customer to the time periods stated above.
- (C) Additional Installation Testing (C)  
Additional installation testing is that testing performed by the Telephone Company at the time of installation which is in addition to normal pre-service and acceptance testing.
- (D) Standby (C)  
Standby includes all time in excess of one-half (1/2) hour during which Telephone Company personnel are available to make coordinated tests on a given FIA. The standby charge applies only when Telephone Company personnel must wait more than 30 minutes beyond a prearranged, mutually agreed appointment time. Standby charges will cease when testing begins, or when Telephone Company personnel are released from the standby requirement, or when testing is rescheduled for a later date or time. Charges will not be applicable if Telephone Company personnel cause the delay.
- (E) Testing and Maintenance with Other Telephone Companies (C)  
Additional testing, maintenance, or repair of facilities which connect to facilities of other telephone companies, which is in addition to normal effort required to test, maintain, or repair facilities provided solely by the Telephone Company.
- (F) Other Labor (C)  
Other labor is that additional labor not included in (A) through (E) preceding, and labor incurred to accommodate a specific customer request that involves only labor which is not covered by any other section of this Tariff.

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## FACILITIES FOR INTERSTATE ACCESS

6. MISCELLANEOUS SERVICES (Cont'd)6.6 Additional Testing (Cont'd)(A) Switched Access Testing (Cont'd)(4) Additional Manual Scheduled Testing

Additional Manual Scheduled Testing (AMST) of FGA, FGB, FGC, FGD, BSA-A, BSA-B, BSA-C, BSA-D or SAC Access Service occurs when the Telephone Company provides a technician at its office(s) and at the customer designated location. AMST charges will apply when loss/noise/balance testing or gain-slope testing is requested on a more frequent basis than is provided for in accordance with the Telephone Company's Central Office Maintenance Planning System (COMPS). AMST charges also apply when additional tests are requested for FGA, FGB, FGC, FGD, BSA-A, BSA-B, BSA-C, BSA-D, or SAC Access Service that are not specified in 4.2.1 and 4.2.2, respectively. The customer may specify a more frequent schedule of tests sixty days prior to the start of the prescribed schedule. The rates as set forth in 6.6(C)(3) following will apply to additional AMST.

The Telephone Company will provide, on a quarterly basis, an AMST report that lists the test results and the number of trunks that passed or failed. Trunk test failures requiring customer participation for trouble resolution will be provided to the customer on an as-occurs basis.

(5) Nonscheduled Testing

Nonscheduled Testing (NST) will be performed "on demand" which results in the measurement of Switched Access. NST charges will apply only when testing is requested more frequently than is provided for in accordance with COMPS, or when a specific test is requested that is not normally performed. Tests for Switched Access which are normally performed are contained in 4.2.1 and 4.2.2. Nonscheduled Testing (NST) of Switched Access may consist of the following testing arrangements:

- the customer provides remote office test lines and 105 test lines with associated responders or their functional equivalent (automatic testing), or (D)
- the Telephone Company provides a technician at its office(s) and the customer provides a technician at its customer designated location with suitable test equipment to perform the required tests (cooperative testing), or (C)  
(D)
- the Telephone Company provides a technician at its office(s), and at the customer designated location or end user premises with suitable test equipment to perform the required tests (manual testing). (C)  
(D)

## FACILITIES FOR INTERSTATE ACCESS

8. ANCILLARY SERVICES (Cont'd)8.5 Operator Services [1]

(C)

Operator Services described in this Section will be provided to access customers as an optional feature in conjunction with Feature Group C (FGC), Feature Group D (FGD), BSA-C, or BSA-D Switched Access Services from designated Operator Services Switching locations in those LATAs where the Telephone Company has the capability to provide such services. Operator Services include Operator Transfer and Inward Operator Assistance functions which enable a customer to provide operator related services to their end users. A customer may order both Operator Transfer and Inward Operator Assistance Service or may order them individually.

(T)

8.5.1 General Description(A) Operator Transfer Service

Operator Transfer Service is an originating service that provides call transfer of 0- (the digit 0 with no additional digits) interLATA calls to a participating customer as requested by the calling end user. Operator Transfer Service is provided when an end user dials "0" and is routed to the Telephone Company's operator and requests completion of an interLATA call. Operator Transfer Service provides for the routing of the call from the Telephone Company's Operator Services Switching Location to one customer designated location in the same LATA.

The Telephone Company operator will ask the end user to identify the customer to which they desire to be connected. The operator will then transfer the call to the designated customer.

If the end user has no preference, or the identified customer has not subscribed to Operator Transfer Service, the end user will be asked to select from a list of participating customers. The list of participating Operator Transfer Service customers will be updated monthly. The order in which participating customers will appear on the list will be initially determined by use of a random drawing. For each subsequent monthly update following the initial selection, the customer in the first position will be moved to the last position on the list. All other customers will be moved up one position. New Operator Transfer Service customers will be placed at the bottom of the list of participating customers pending the next monthly update.

(B) Inward Operator Assistance Service

Inward Operator Assistance Service provides for operator assistance on inward calls received from a customer's operator. Only one telephone number per call will be handled by the operator.

(C)

## (1) Reserved For Future Use

(C)

(D)

(D)

(D)

## (2) Reserved For Future Use

(C)

(D)

(D)

## (3) Operator Assistance - The Telephone Company operator will provide the customer's operator with assistance or information regarding service conditions.

[1] Effective October 1, 2016, Busy Line Verification and Busy Line Interrupt were discontinued under authority granted in WC Docket No. 16-109.

(N)

(N)

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## FACILITIES FOR INTERSTATE ACCESS

8. ANCILLARY SERVICES (Cont'd)8.5 Operator Services (Cont'd)8.5.3 Rate Regulations (Cont'd)(A) Operator Transfer ServiceOperator Transfer Service Rate

The Operator Transfer Service Rate is assessed per 0- call transferred to a customer. A 0- call is considered transferred when the Telephone Company operator activates the transfer function sending the call to the designated customer.

Switched Access Charges

FGC, FGD, BSA-C, or BSA-D Switched Access usage charges and Carrier Common Line Charges will also apply per minute of use for Operator Transfer Service.

(B) Inward Operator Assistance Service

Inward Operator Assistance Service includes the function of Operator Assistance. The Inward Operator Assistance rate applies on a per call basis. A call is considered an Inward Operator Assistance call when the call is received at the Telephone Company's operator position.

(C)

(C)

Switched Access Charges

FGC, FGD, BSA-C, or BSA-D Switched Access usage charges do not apply to Inward Operator Assistance Service.



## FACILITIES FOR INTERSTATE ACCESS

13. END USER FIA (Cont'd)13.7 Rates and Charges (Cont'd)

## (B) Access Recovery Charge

Monthly rates for (ARC) are as follows:

- Per Line or Trunk, each

|                     | <u>Business Multi-line,<br/>Centrex<br/>Monthly Rate **</u> | <u>Primary Residence,<br/>Non-Primary Residence and<br/>Business Single Line<br/>Monthly Rate*</u> | (T) |
|---------------------|---|--|-----|
| <u>Jurisdiction</u> |   |  | (T) |

|          |        |        |  |
|----------|--------|--------|--|
| Alabama  | \$2.60 | \$1.30 |  |
| Missouri | \$2.60 | \$1.48 |  |

|  | <u>ISDN BRI<br/>Monthly Rate</u> | <u>ISDN PRI<br/>Monthly Rate</u> |  |
|--|----------------------------------|----------------------------------|--|
|--|----------------------------------|----------------------------------|--|

|                     |        |        |  |
|---------------------|--------|--------|--|
| <u>Jurisdiction</u> |        |        |  |
| Alabama             | \$1.30 | \$2.60 |  |
| Missouri            | \$1.48 | \$2.60 |  |

The Residence, Non-Primary Residence and ISDN BRI \* ARC exchange specific rates apply to the following exchanges/companies: (T)

CenturyTel of Southern Alabama

|            |        |
|------------|--------|
| Brantley   | \$0.22 |
| Dozler     | \$0.22 |
| Greenville | \$0.22 |
| Luverne    | \$0.22 |

CenturyTel of Central Missouri

|           |        |
|-----------|--------|
| Clark     | \$ -   |
| Columbia  | \$ -   |
| Crane     | \$1.00 |
| Mansfield | \$1.00 |

|                           |                         |     |
|---------------------------|-------------------------|-----|
| (C) FUSC Surcharge Factor | Percentage<br>17.4% (R) | (C) |
|---------------------------|-------------------------|-----|

\* The ARC Charge does not apply to customers purchasing CenturyLink's Pure Broadband Bundle.

\*\* Centrex customers that have a Dedicated Centrex Common Block are exempt from the ARC charge. (N)  
(N)

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