

Access Services

***Effective May 8, 2020, Special Access Services are no longer available to new customers. Moves, additions, or changes will no longer be permitted for existing customers.**

(N)
(N)

SECTION 4 - SPECIAL ACCESS**4.1 General**

Special Access Services consist of any of the services offered hereunder, either individually or in combination. Each service is offered independently of all others.

4.2 Transmission Service

4.2.1 Transmission Service is offered via the Company's facilities for the transmission of one-way and two-way communications.

4.2.2 Digital channels over the Company's Network are furnished for full-duplex transmission of digital signals at operating speeds as follows:

64 Kbps	(DS-0)	4.8 Kbps
56 Kbps	(DS-OD)2.4 Kbps	
19.2 Kbps	1.544 Mbps	(DS-1)
9.6 Kbps	44.736 Mbps	(DS-3)

Digital channels operating at speeds other than those listed above may be provided at the Company's option on an Individual Case Basis (ICB). The rates for the operating speeds outlined above are described in Section 6.2.

4.2.3 Digital channels furnished by the Company at 1.544 Mbps, interconnections to such channels and equipment's interfacing to such channels shall meet the following characteristics:

Line Rate:	1.544 Mbps + 130 ppm
Line Code 1:	Bipolar Alternate Mark Inversion (AMI)
Line Code 2:	Bipolar 8 zero substitution (B8ZS)
Line Impedance:	100 ohms +/- 5% balanced
Jitter:	The multiplexer will add not more than 0.3 time slot of rms Jitter to a DS-1 signal when looped at the DS-3 point.

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SECTION 4 - SPECIAL ACCESS, (CONT'D.)

4.2 Transmission Service, (Cont'd.)

4.2.4 Digital channels furnished by the Company at 44.736 Mbps, interconnection to such channels shall meet the following technical characteristics:

Line Rate:	44.736 Mbps + 20 ppm	
Line Code:	Bipolar with three zero substitution	(B3ZS).
Line Impedance:	75 ohms +/- 5% unbalanced	

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SECTION 4 - SPECIAL ACCESS, (CONT'D.)**4.3 Dedicated Access General**

The Company provides intrastate Dedicated Access Service with transmission speeds ranging from 2.4 Kbps to 2.4 Gbps. Dedicated access service is provisioned from the Allegiance switch site to the Customer premise. The circuit is dedicated to the Customer and the entire usable bandwidth for each service is available to the Customer for their exclusive use.

All Dedicated Access Services are offered and priced on an Individual Case Basis (ICB).

4.3.1 On-Net v. Off-Net

On-Net Services are those which connect two locations which are both directly served by the Company's network. Pricing and regulations pertaining to On-Net services are described in this tariff.

Off-Net Services are those where one or more location to be connected is not served directly by the Company's network. Off-Net Service must be provisioned, in part, by another local access provider. In the instances where the Company is able to provide Off-Net Services, the performance parameters and pricing of the Off-Net services will be passed through to the Customer.

All rates included in Section 6.2 are for On-Net arrangements. Off-net service charges will be developed on an Individual Case Basis.

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SECTION 4 - SPECIAL ACCESS, (CONT'D.)**4.4 Standard Pricing Plan Description****4.4.1 Recurring Charges**

Recurring Charges are monthly charges applied on a city-specific basis. Recurring charges apply to Two Point Service.

Recurring charges for Two Point Service will vary based on the locality of service, capacity of service, the distance of service and the term plan selected. Two Point Service recurring charges are applied on a circuit basis and reflect complete end-to-end charges.

A. Channel Termination

The Channel Termination rate category provides for the communications path between a customer designated premises and the serving wire center of that premises.

B. Channel Mileage

The Channel Mileage rate category provides for the end office equipment and transmission channel between the serving wire centers associated with the two customer premises.

C. Optional Features and Functions

Optional Features and Functions may be added to a special access service to improve its quality or utility to meet the customer's specific communications requirements. These are not necessarily identifiable with specific equipment, but rather represent the end result in terms of performance characteristics which may be obtained.

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SECTION 4 - SPECIAL ACCESS, (CONT'D.)**4.4 Standard Pricing Plan Description, (Cont'd.)****4.4.2 Nonrecurring Charges**

Nonrecurring Charges (NRC) are one-time only charges that apply on a city-specific basis. NRCs may be waived for certain promotions and under the specific terms of individually negotiated contract services.

4.4.3 Termination Liability and Termination Charges

Unless otherwise specified in individually negotiated contracts and/or where special construction applies, the termination charges for services purchased under a Term Agreement will be equal to:

- A. all unpaid Nonrecurring charges reasonably expended by the Company to establish service to the Customer; plus
- B. any past due amounts which the Customer owes to the Company; plus
- C. any disconnection, early cancellation or termination charges reasonably incurred and paid to third parties by the Company on behalf of the Customer; plus
- D. the sum of all applicable Recurring Charges for the remaining balance of the then current term discounted at the prime rate announced in the Wall Street Journal on the third business day following the date of cancellation; minus
- E. a reasonable allowance for costs avoided by the Company as a direct result of the Customer's cancellation.

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SECTION 4 - SPECIAL ACCESS, (CONT'D.)

4.4 Standard Pricing Plan Description, (Cont'd.)

4.4.4 Portability

Termination liability charges as described in 4.4.3 will be waived as follows:

- A. During a Customer's first three months of doing business in a specific city, and;
- B. Whenever, after the first three months, a Customer has a net quantity of services, in a specific city, measured in DS1 equivalents at the end of each billing period equal to or greater than the average of the previous three months.

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SECTION 4 - SPECIAL ACCESS, (CONT'D.)**4.5 Service Descriptions****4.5.1 DS3 Service**

DS3 Service is a dedicated, high capacity, full duplex channel with a line speed of 44.736 Mbps isochronous serial data having a line code of bipolar with three zero substitution (B3ZS). DS3 Service has the equivalent capacity of 28 DS1 Services at 1.544 Mbps or 672 Voice Grade Services at 56/64 Kbps. DS3 Service is available with an electrical interface.

4.5.2 DS1 Service

DS1 Service is a dedicated, high capacity, full duplex channel with a line speed of 1.544 Mbps isochronous serial data having signal format of either Alternate Mark Inversion (AMI) or Bipolar 8 Zero Substitution (B8ZS) and either Superframe (D4) or Extended Superframe formats. DS1 Service has the equivalent capacity of 24 Voice Grade services or 24 DS0 services. AMI can support 24 56Kbps channels and B8ZS can support 24 64Kbps channels.

4.5.3 DS0 Service

DS0 Service is a dedicated, full duplex digital channel with line speeds of 2.4, 4.8, 9.6, 56 or 64 Kbps.

4.5.4 Custom Services

Dedicated Transport Services not described above or requests for non-standard configurations and specialized service options will be handled on an Individual Case Basis as set forth following.

4.5.5 Special Construction

Special Construction rates, terms and conditions apply pursuant to section 6.1 preceding.

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SECTION 4 - SPECIAL ACCESS, (CONT'D.)**4.5 Service Descriptions, (Cont'd.)****4.5.6 Time and Material Service**

This service provides for the Labor and Material charges associated with installation, maintenance, testing and repair deemed to be associated with equipment and facilities not provided by the Company or deemed to be non-standard or non-routine.

The Company shall have no responsibility for the maintenance and repair of any kind with respect to equipment and facilities not provided by the Company. The Company will charge the Customer Time and Material Charges listed in Section 4.5 for any maintenance visits with respect to service problems which are determined to arise from equipment or facilities not provided by Company.

When a Customer reports a trouble to the Company for clearance and no trouble is found in the Company's facilities, the Customer shall be responsible for payment of Time and Materials Charges as listed in Section 6.3.2 for the period of time from when the Company personnel were dispatched to the Customer's premises to when the work is completed. Failure of Company personnel to find trouble in Company facilities will result in no charge if the trouble is actually in those facilities, but not discovered at the time.

If the Customer, after being informed that the trouble is not in Company facilities, wishes to have the maintenance work performed by Company, and the Company agrees to perform the work, the Time and Material Charges listed in Section 6.3.2 will apply.

At the Customer's request, installation and/or maintenance may be performed outside the Company's regular business hours or in hazardous locations. In such cases Time and Material Charges listed in Section 4.5 will apply. If installation is started during regular business hours but, at the Customer request, extends beyond regular business hours into time periods including, but not limited to, weekends, holidays, and/or night hours, additional charges may apply.