

The Choice One Companies
d/b/a EarthLink Business
Issued by: Vice President, Tax
1170 Peachtree Street NE, Suite 900
Atlanta, Georgia 30309

FCC Tariff No. 5
4th Revised Page 1
Cancels 3rd Revised Page 1

Issued: May 18, 2016

Transmittal No. 110
ACCESS SERVICES

Effective: May 19, 2016

CHECK SHEET

Page 1 to 173 are effective as of the date shown. Original and revised pages listed below contain all changes from the original tariff that are in effect on the date shown.

<u>Page</u>	<u>Revision</u>		<u>Page</u>	<u>Revision</u>		<u>Page</u>	<u>Revision</u>
1	4 th Rev.	*					
120	1 st Rev.	*					
121	1 st Rev.	*					
122	1 st Rev.	*					
127	1 st Rev.	*					

* - New or Revised Pages

Issued: May 18, 2016

Transmittal No. 110
ACCESS SERVICES

Effective: May 19, 2016

**SECTION 4 - DEDICATED SERVICES, DESCRIPTIONS
AND TECHNICAL STANDARDS (CONT'D.)**

4.4 Service Descriptions And Technical Specifications (Cont'd.)

4.4.2 Digital Data Service (DDS)

A Digital Data Channel is a Channel for duplex four-wire transmission of synchronous serial data at rates of 2.4, 4.8, 9.6, 19.2, 56, or 64 Kbps. The actual bit rate is a function of the interface selected by the Customer. The Channel provides synchronous service with timing provided by Carrier, through Carrier facilities to the Customer in the received bit stream. Digital Data Channels are provided only between Customer designated locations and/or between Customer designated locations and a Carrier's hub. (T)

Specific service offerings and rates will be defined by individual-case basis arrangements (ICB).

	Monthly Rate	Nonrecurring Charge
A. Channel Termination (Per Termination)		
2.4 kbps	ICB	ICB
4.8 kbps	ICB	ICB
9.6 kbps	ICB	ICB
19.2 kbps	ICB	ICB
56.0 kbps	ICB	ICB
64.0 kbps	ICB	ICB
B. Channel Mileage		
1. Channel Mileage Facility		Per Mile
2.4 kbps		ICB
4.8 kbps		ICB
9.6 kbps		ICB
19.2 kbps		ICB
56.0 kbps		ICB
64.0 kbps		ICB

Issued: May 18, 2016

Transmittal No. 110
ACCESS SERVICES

Effective: May 19, 2016

**SECTION 4 - DEDICATED SERVICES, DESCRIPTIONS
AND TECHNICAL STANDARDS (CONT'D.)**

4.4 Service Descriptions And Technical Specifications (Cont'd.)

4.4.2 Digital Data Service (DDS) (Cont'd.)

Specific service offerings and rates will be defined by individual-case basis arrangements (ICB).

B. Channel Mileage (Cont'd.)

2. Channel Mileage Termination

	Per Termination
2.4 kbps	ICB
4.8 kbps	ICB
9.6 kbps	ICB
56.0 kbps	ICB
64.0 kbps	ICB

4.4.3 DS-1 Service

DS-1 Service, or Digital Signal Level 1 Service, is a Channel for the transmission of 1.5644 Mbps data. The actual bit rate and framing format is a function of the interface selected by the Customer. DS-1 Channels are provided between Customer designated locations and between Customer designated locations and a Carrier's hub.

(T)

Technical standards are defined in Bellcore Technical Reference TR-NPL-000054, TR-TSY-000342, TR-TSY-000194, and PUB 62508, PUB 62411, PUB 62411A.

4.4.4 Type I Channels

Type I digital Channels are provided where both endpoints of a Channel are served by the Company's network.

Issued: May 18, 2016

Transmittal No. 110
ACCESS SERVICES

Effective: May 19, 2016

**SECTION 4 - DEDICATED SERVICES, DESCRIPTIONS
AND TECHNICAL STANDARDS (CONT'D.)**

4.4 Service Descriptions And Technical Specifications (Cont'd.)

4.4.5 Type II Channels

Type II digital Channels are provided where at least one endpoint of a Channel is served by the network of an entity with whom the Company's network is interconnected; such Channels are provided via a combination of the Company's Facilities and the facilities of the interconnected entity. Rates for the portions of the service provided over the Company's Facilities are based on the rates for the corresponding Type I Channel rates. Rates for the portion of the service provided over the facilities of the interconnected entity are based on the rates charged the Company by the interconnected entity. The Company may apply a service charge or mark-up to the rates charged the Company by the interconnected entity.

4.4.6 DS-3 Service

DS-3 Service, or Digital Signal Level 3 Service, is a Channel for the transmission of 44.736 Mbps data. The actual bit rate and framing format is a function of the interface selected by the Customer. DS-3 Channels are provided between Customer designated locations and/or between Customer designated locations and a Carrier's hub. DS-3 service is provided with an electrical interface. As an option, this service may be provided to a Customer with an optical interface at the Customer's Premises. Services with this option will terminate in Carrier's Optical Line Terminating Equipment (OLTE) located in Carrier's hub. The OLTE located at the Customer's Premises is subject to the mutual agreement of the parties, and must be compatible with the OLTE located in Carrier's hub. The optical interface option is available only where Facilities permit, and is offered on an Individual Case Basis (ICB)

(T)

Technical standards are defined in Bellcore Technical Reference TR-NPL-000054, TR-TSY-000342, TR-TSY-000194, and PUB 62508, PUB 62411, PUB 62411A.

Issued: May 18, 2016

Transmittal No. 110
ACCESS SERVICES

Effective: May 19, 2016

**SECTION 4 - DEDICATED SERVICES, DESCRIPTIONS
AND TECHNICAL STANDARDS (CONT'D.)**

4.5 Rate Categories

There are seven rate categories that may apply to Carrier's Services.

4.5.1 Channel Terminations (CT) / Local Distribution Channel (LDC)

The Channel Termination Rate Category provides for the communications path between a Customer designated Premises, and another Customer designated Premises. Included as part of the Channel Termination is a standard interface arrangement which defines the technical characteristics associated with the type of Facilities to which the Carrier's service is to be connected, and the type of signaling capability (if any). One Channel Termination charge applies per Customer designated Premises at which the service is terminated.

(T)

4.5.2 Channel Mileage Termination (CMT) - Fixed

This rate element applies per termination whenever there is mileage associated with the Channel; a Channel has mileage associated with it when the endpoints are located in geographic areas normally served out of separate Telephone Company end offices. Different charges may apply depending on whether the connection is a Type I (on-Net) or Type II (off-net) connection.

4.5.3 Channel Mileage (CM) - Per Mile

This rate element applies whenever there is mileage associated with the Channel. The unit rate is multiplied by the number of miles (Interoffice Mileage) between the two Telephone end offices which normally serve the geographic areas in which the endpoints of the Channel are located. Interoffice Mileage is determined according to the V&H coordinates method set forth in Section 4.7.4. Fractions of a mile are rounded up to the next whole mile before rates are applied. Different charges may apply depending on whether the connection is a Type I (on-Net) or Type II (off-net) connection.