

**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  
 6<sup>th</sup> Revised Page 1  
 Cancels 5<sup>th</sup> Revised Page 1

Issued: July 14, 2017

**Transmittal No. 112**  
**ACCESS SERVICES**

Effective: July 29, 2017

**CHECK SHEET**

This tariff includes the Title Page through Page 173. All pages in this tariff are effective as of the date shown on the respective page(s). Original and revised pages named below comprise of all changes from the original tariff.

<u>Page</u>	<u>Revision</u>		<u>Page</u>	<u>Revision</u>		<u>Page</u>	<u>Revision</u>
Title	2 <sup>nd</sup> Rev.		106	5 <sup>th</sup> Rev.	*	137	1 <sup>st</sup> Rev.
1	6 <sup>th</sup> Rev.	*	107	5 <sup>th</sup> Rev.	*	139	1 <sup>st</sup> Rev.
2	1 <sup>st</sup> Rev.		108	5 <sup>th</sup> Rev.	*	160	1 <sup>st</sup> Rev.
3	1 <sup>st</sup> Rev.		109	5 <sup>th</sup> Rev.	*	169	Original
4	1 <sup>st</sup> Rev.		110	5 <sup>th</sup> Rev.	*	170	Original
6	1 <sup>st</sup> Rev.		111	5 <sup>th</sup> Rev.	*	171	Original
6.1	1 <sup>st</sup> Rev.	*	112	5 <sup>th</sup> Rev.	*	172	Original
7	1 <sup>st</sup> Rev.		113	5 <sup>th</sup> Rev.	*	173	Original
9	1 <sup>st</sup> Rev.		114	5 <sup>th</sup> Rev.	*		
9.1	1 <sup>st</sup> Rev.	*	115	1 <sup>st</sup> Rev.			
35	1 <sup>st</sup> Rev.		116	1 <sup>st</sup> Rev.			
61	1 <sup>st</sup> Rev.		120	1 <sup>st</sup> Rev.			
61.1	Original		121	1 <sup>st</sup> Rev.			
62	1 <sup>st</sup> Rev.		122	1 <sup>st</sup> Rev.			
103	1 <sup>st</sup> Rev.		127	1 <sup>st</sup> Rev.			
105	5 <sup>th</sup> Rev.	*	132	1 <sup>st</sup> Rev.			

\* - New or Revised Pages

**The Choice One Companies**  
**d/b/a EarthLink Business**  
Issued by: Vice President, Tax  
1375 Peachtree Street, Level A  
Atlanta, Georgia 30309

FCC Tariff No. 5  
1<sup>st</sup> Revised Page 6.1  
Cancels Original Page 6.1

Issued: July 14, 2017

**Transmittal No. 111**  
**ACCESS SERVICES**

Effective: July 29, 2017

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## SECTION 1 - GENERAL REGULATIONS (CONT'D.)

### 1.2 Definitions (Cont'd.)

**ANSWER SUPERVISION** - The transmission of the switch Trunk equipment supervisory signal (off-hook or on-hook) to the Customer's Point of Termination as an indication that the called party has answered or disconnected.

**CALL** - A Customer attempt for which the complete address code is provided to the service end office.

**CARRIER OR COMMON CARRIER** - Any individual, partnership, association, corporation or other entity engaged in communication for hire by wire or radio, including but not limited to Exchange Carriers, Interexchange Carriers, CMRS providers, and other Wireless Providers.

**CENTRAL OFFICE** - A Company switching system where Company facilities are used to (i) provide the functionalities of an End Office Switch or Tandem Switch or any other switching function; (ii) exchange service Customer station loops (including loops that have been concentrated at a Remote Switching Location) are terminated for purposes of interconnection to each other and to trunks.

**CHANNEL** - A communications path between two or more points of termination.

**COMMERCIAL MOBILE RADIO SERVICE ("CMRS")** - Cellular and PCS service that originates or terminates on a wireless handset and has Calls routed through a Mobile Telephone Switching Office.

**COMMISSION** - Federal Communications Commission

**COMPANY OR THE CHOICE ONE COMPANIES** - The Choice One Companies Inc. d/b/a EarthLink Business, the issuer of the Tariff, and its concurring subsidiaries.

**COMPANY FACILITIES (3<sup>rd</sup> Party Tandem Provider)** - Switched Transport rates apply to terminating traffic that traverses a tandem switch that is not owned by the Company (the terminating carrier) or its affiliates.

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**The Choice One Companies**  
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Issued by: Vice President, Tax  
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Atlanta, Georgia 30309

FCC Tariff No. 5  
1<sup>st</sup> Revised Page 9.1  
Cancels Original Page 9.1

Issued: July 14, 2017

**Transmittal No. 111**  
**ACCESS SERVICES**

Effective: July 29, 2017

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**SECTION 1 - GENERAL REGULATIONS (CONT'D.)**

1.2 Definitions (Cont'd.)

**TRUNK GROUP** - A set of Trunks which are traffic engineered as a unit for the establishment of connections between switching systems in which all of the communications paths are interchangeable.

**UNE-P SWITCHED TRANSPORT** - Service that traverses a tandem switch that is not owned by the company or its affiliated but is connected through a UNE-P configuration. (T)  
(T)

**USER** - A Customer or any other person or entity who uses service provided under this Tariff.

**VOIP PROVIDER** – For the purposes of this Tariff, any service provider, including but not limited to carriers, that originates and/or terminates traffic in Internet protocol (“IP”) format.

**VOIP PROVIDER PARTNER** – any VoIP Provider that uses the Company’s services to exchange traffic with the PSTN.

**VOIP-PSTN TRAFFIC** – traffic exchanged between the Company and a Customer in Time-Division-Multiplexing format that originates and/or terminates in IP format.

**WIRE CENTER** - A physical location in which one or more Central Offices, used for the provision of exchange services, are located.

**WIRELESS PROVIDER** - Any Carrier authorized to operate as a provider of cellular, personal communications, paging, CMRS, or any other form of wireless transmission.

Issued: July 14, 2017

**Transmittal No. 112**  
**ACCESS SERVICES**

Effective: July 29, 2017

**SECTION 3 - SWITCHED ACCESS SERVICE (CONT'D.)**

3.8 Rates And Charges

3.8.1 Usage Sensitive Charges

A. Connecticut (All Switches)

Element	Originating	Terminating via Company Facilities (3 <sup>rd</sup> Party Tandem Provider)	Terminating via UNE-P	(C)
Transport Termination per access minute	\$0.000063	\$0.000063	\$0.000000 (R)	
Transport Facility per access minute per mile	\$0.000003	\$0.000003	\$0.000000 (R)	
Multiplexing per access minute	\$0.000082	\$0.000082	\$0.000000 (R)	
Tandem Switching per access minute	\$0.000634	\$0.000000 (R)	\$0.000000 (R)	
End Office Switching per access minute	\$0.003133	\$0.000000 (R)	\$0.000000 (R)	
Shared Trunk Port per access minute	\$0.001400	\$0.000000	\$0.000000	
Network Blocking Charge per call blocked	\$0.011100	\$0.011100	\$0.011100	
800 Data Base Query per query	\$0.0100	\$0.010000	\$0.010000	
Host/Remote Transport Termination per access minute	\$0.0002850	\$0.0002850	\$0.000000	
Host/Remote Transport Facility per access minute	\$0.0001010	\$0.0001010	\$0.0000188 (R)	(C)

Issued: July 14, 2017

**Transmittal No. 112**  
**ACCESS SERVICES**

Effective: July 29, 2017

**SECTION 3 - SWITCHED ACCESS SERVICE (CONT'D.)**

3.8 Rates And Charges (Cont'd.)

3.8.1 Usage Sensitive Charges (Cont'd.)

B. Massachusetts (All Switches)

Element	Originating	Terminating via Company Facilities (3 <sup>rd</sup> Party Tandem Provider)	Terminating via UNE-P	(C)
Transport Termination per access minute	\$0.000000	\$0.000000	\$0.000000	
Transport Facility per access minute per mile	\$0.000002	\$0.000002	\$0.000000 (R)	
Multiplexing per access minute	\$0.000000	\$0.000000	\$0.000000	
Tandem Switching per access minute	\$0.001574	\$0.000000 (R)	\$0.000700 (R)	
End Office Switching per access minute	\$0.002406	\$0.000000 (R)	\$0.000000 (R)	
End Office Trunk Port per access minute	\$0.001688	\$0.000000	\$0.000000	
FGD Network Blocking Charge per call blocked	\$0.010699	\$0.010699	\$0.010699	
800 Data Base per query	\$0.010000	\$0.010000	\$0.010000	(C)

Issued: July 14, 2017

**Transmittal No. 112**  
**ACCESS SERVICES**

Effective: July 29, 2017

**SECTION 3 - SWITCHED ACCESS SERVICE (CONT'D.)**

3.8 Rates And Charges (Cont'd.)

3.8.1 Usage Sensitive Charges (Cont'd.)

C. Maine (All Switches)

Element	Originating	Terminating via Company Facilities (3 <sup>rd</sup> Party Tandem Provider)	Terminating via UNE-P	(C)
Transport Termination per access minute	\$0.000000	\$0.000000	\$0.000000	
Transport Facility per access minute per mile	\$0.000003	\$0.000003	\$0.000000 (R)	
Multiplexing per access minute	\$0.000000	\$0.000000	\$0.000000	
Tandem Switching per access minute	\$0.001600	\$0.000000 (R)	\$0.000700 (R)	
End Office Switching per access minute	\$0.002264	\$0.000000 (R)	\$0.000000 (R)	
End Office Trunk Port per access minute	\$0.001595	\$0.000000	\$0.000000	
FGD Network Blocking Charge per call blocked	\$0.010699	\$0.010699	\$0.010699	
800 Data Base per query	\$0.010000	\$0.010000	\$0.010000	(C)

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FCC Tariff No. 5  
 5<sup>th</sup> Revised Page 108  
 Cancels 4<sup>th</sup> Revised Page 108

Issued: July 14, 2017

**Transmittal No. 112**  
**ACCESS SERVICES**

Effective: July 29, 2017

**SECTION 3 - SWITCHED ACCESS SERVICE (CONT'D.)**

3.8 Rates And Charges (Cont'd.)

3.8.1 Usage Sensitive Charges (Cont'd.)

D. New Hampshire (All Switches)

Element	Originating	Terminating via Company Facilities (3 <sup>rd</sup> Party Tandem Provider)	Terminating via UNE-P	(C)
Transport Termination per access minute	\$0.000000	\$0.000000	\$0.000000	
Transport Facility per access minute per mile	\$0.000003	\$0.000003	\$0.000000 (R)	
Multiplexing per access minute	\$0.000000	\$0.000000	\$0.000000	
Tandem Switching per access minute	\$0.001600	\$0.000000 (R)	\$0.000700 (R)	
End Office Switching per access minute	\$0.002264	\$0.000000 (R)	\$0.000000 (R)	
End Office Trunk Port per access minute	\$0.001595	\$0.000000	\$0.000000	
FGD Network Blocking Charge per call blocked	\$0.010699	\$0.010699	\$0.010699	
800 Data Base per query	\$0.010000	\$0.010000	\$0.010000	(C)

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FCC Tariff No. 5  
 5<sup>th</sup> Revised Page 109  
 Cancels 4<sup>th</sup> Revised Page 109

Issued: July 14, 2017

**Transmittal No. 112**  
**ACCESS SERVICES**

Effective: July 29, 2017

**SECTION 3 - SWITCHED ACCESS SERVICE (CONT'D.)**

3.8 Rates And Charges (Cont'd.)

3.8.1 Usage Sensitive Charges (Cont'd.)

E. Rhode Island (All Switches)

Element	Originating	Terminating via Company Facilities (3 <sup>rd</sup> Party Tandem Provider)	Terminating via UNE-P	(C)
Transport Termination per access minute	\$0.000000	\$0.000000	\$0.000000	
Transport Facility per access minute per mile	\$0.000002	\$0.000002	\$0.000000 (R)	
Multiplexing per access minute	\$0.000000	\$0.000000	\$0.000000	
Tandem Switching per access minute	\$0.001574	\$0.000000 (R)	\$0.000700 (R)	
End Office Switching per access minute	\$0.002406	\$0.000000 (R)	\$0.000000 (R)	
End Office Trunk Port per access minute	\$0.001688	\$0.000000	\$0.000000	
FGD Network Blocking Charge per call blocked	\$0.010699	\$0.010699	\$0.010699	
800 Data Base per query	\$0.010000	\$0.010000	\$0.010000	(C)

Issued: July 14, 2017

**Transmittal No. 112**  
**ACCESS SERVICES**

Effective: July 29, 2017

**SECTION 3 - SWITCHED ACCESS SERVICE (CONT'D.)**

3.8 Rates And Charges (Cont'd.)

3.8.1 Usage Sensitive Charges (Cont'd.)

F. New York (All Switches - Frontier Telephone of Rochester Service Area)

Element	Originating	Terminating via Company Facilities (3 <sup>rd</sup> Party Tandem Provider)	Terminating via UNE-P	(C)
Transport Termination per access minute	\$0.00114997	\$0.00114997	\$0.00010200 (R)	
Transport Facility per access minute per mile	\$0.000040	\$0.00004000	\$0.00004000	
Multiplexing per access minute	\$0.000010	\$0.00001000	\$0.00001000	
Tandem Switching per access minute	\$0.000100	\$0.00000000 (R)	\$0.00010000 (R)	
End Office Switching per access minute	\$0.00295157	\$0.00000000 (R)	\$0.00000000 (R)	
End Office Trunk Port per access minute	\$0.000700	\$0.00000000	\$0.00000000	
FGD Network Blocking Charge per call blocked	\$0.010000	\$0.01000000	\$0.01000000	
800 Data Base Query per query	\$0.0100000	\$0.0100000	\$0.0100000	(C)

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FCC Tariff No. 5  
 5<sup>th</sup> Revised Page 111  
 Cancels 4<sup>th</sup> Revised Page 111

Issued: July 14, 2017

**Transmittal No. 112**  
**ACCESS SERVICES**

Effective: July 29, 2017

**SECTION 3 - SWITCHED ACCESS SERVICE (CONT'D.)**

3.8 Rates And Charges (Cont'd.)

3.8.1 Usage Sensitive Charges (Cont'd.)

G. New York (All Switches - Verizon Service Area)

Element	Originating	Terminating via Company Facilities (3 <sup>rd</sup> Party Tandem Provider)	Terminating via UNE-P	(C)
Local Transport Termination per access minute	\$0.000000	\$0.000000	\$0.000000	
Local Transport Facility per access minute per mile	\$0.000002	\$0.000002	\$0.000000 (R)	
Common Multiplexing per access minute	\$0.000000	\$0.000000	\$0.000000	
Tandem Switching per access minute	\$0.001574	\$0.000000 (R)	\$0.000700 (R)	
End Office Switching per access minute	\$0.002406	\$0.000000 (R)	\$0.000000 (R)	
End Office Trunk Port per access minute	\$0.001688	\$0.000000	\$0.000000	
FGD Network Blocking Charge per call blocked	\$0.0106990	\$0.010699	\$0.010699	
800 Data Base per query	\$0.010000	\$0.010000	\$0.010000	(C)

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**Transmittal No. 112**  
**ACCESS SERVICES**

Effective: July 29, 2017

**SECTION 3 - SWITCHED ACCESS SERVICE (CONT'D.)**

3.8 Rates And Charges (Cont'd.)

3.8.1 Usage Sensitive Charges (Cont'd.)

H. Pennsylvania (All Switches – Verizon North Service Area)

Element	Originating	Terminating via Company Facilities (3 <sup>rd</sup> Party Tandem Provider)	Terminating via UNE-P	(C)
Local Transport Termination per access minute	\$0.000000	\$0.000000	\$0.000000	
Local Transport Facility per access minute per mile	\$0.000002	\$0.000002	\$0.000000 (R)	
Common Multiplexing per access minute	\$0.000000	\$0.000000	\$0.000000	
Tandem Switching per access minute	\$0.001540	\$0.000000 (R)	\$0.000700 (R)	
End Office Switching per access minute	\$0.002406	\$0.000000 (R)	\$0.000000 (R)	
End Office Trunk Port per access minute	\$0.001688	\$0.000000	\$0.000000	
FGD Network Blocking Charge per call blocked	\$0.010000	\$0.010000	\$0.010000	
800 Data Base Query per query	\$0.010000	\$0.010000	\$0.010000	(C)

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FCC Tariff No. 5  
 5<sup>th</sup> Revised Page 113  
 Cancels 4<sup>th</sup> Revised Page 113

Issued: July 14, 2017

**Transmittal No. 112**  
**ACCESS SERVICES**

Effective: July 29, 2017

**SECTION 3 - SWITCHED ACCESS SERVICE (CONT'D.)**

3.8 Rates And Charges (Cont'd.)

3.8.1 Usage Sensitive Charges (Cont'd.)

I. Pennsylvania (All Switches - Verizon Service Area)

Element	Originating	Terminating via Company Facilities (3 <sup>rd</sup> Party Tandem Provider)	Terminating via UNE-P	(C)
Local Transport Termination per access minute	\$0.000000	\$0.000000	\$0.000000	
Local Transport Facility per access minute per mile	\$0.000002	\$0.000002	\$0.000000 (R)	
Common Multiplexing per access minute	\$0.000000	\$0.000000	\$0.000000	
Tandem Switching per access minute	\$0.001574	\$0.000000 (R)	\$0.000700 (R)	
End Office Switching per access minute	\$0.002406	\$0.000000 (R)	\$0.000000 (R)	
End Office Trunk Port per access minute	\$0.001688	\$0.000000	\$0.000000	
FGD Network Blocking Charge per call blocked	\$0.010699	\$0.010699	\$0.010699	
800 Data Base per query	\$0.010000	\$0.010000	\$0.010000	(C)

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FCC Tariff No. 5  
 5<sup>th</sup> Revised Page 114  
 Cancels 4<sup>th</sup> Revised Page 114

Issued: July 14, 2017

**Transmittal No. 112**  
**ACCESS SERVICES**

Effective: July 29, 2017

**SECTION 3 - SWITCHED ACCESS SERVICE (CONT'D.)**

3.8 Rates And Charges (Cont'd.)

3.8.1 Usage Sensitive Charges (Cont'd.)

J. Ohio (All Switches)

Element	Originating	Terminating via Company Facilities (3 <sup>rd</sup> Party Tandem Provider)	Terminating via UNE-P	(C)
Local Transport Termination per access minute	\$0.000105	\$0.000105	\$0.000000 (R)	
Local Transport Facility per access minute per mile	\$0.000014	\$0.000014	\$0.000000 (R)	
Common Multiplexing per access minute	\$0.000018	\$0.000018	\$0.000000 (R)	
Tandem Switching per access minute	\$0.001120	\$0.000000 (R)	\$0.000700 (R)	
End Office Switching per access minute	\$0.003116	\$0.000000 (R)	\$0.000000 (R)	
End Office Trunk Port per access minute	\$0.000371	\$0.000000	\$0.000000	
FGD Network Blocking Charge per call blocked	\$0.001088	\$0.001088	\$0.001088	
800 Data Base per query	\$0.010000	\$0.010000	\$0.010000	(C)