



July 26, 2017
Via Overnight Delivery
(Plus E-Mailed Copy)

Ms. Sara J. Clark, Secretary, Commission Secretary
MA Department of Telecommunications & Cable
1000 Washington Street
Suite 820
Boston, MA 02118

**RE: CTC Communications Corp. d/b/a EarthLink Business
Tariff Revision for M.D.T.C. Tariff No. 7 (Access)**

Dear Ms. Clark:

Enclosed for filing please find the original and one (1) copy of the above referenced tariff filing submitted on behalf of CTC Communications Corp. d/b/a EarthLink Business. The purpose of this filing is to revise switched access rates to comply with and implement the sixth phase of the Federal Communications Commission's "Transitional" Intrastate Access Service Reductions, Order No. 11-161. The Company respectfully requests an effective date for this filing of July 29, 2017.

A check in the amount of \$100.00 is enclosed to cover the filing fee. A copy of this filing has also been submitted via email to dte.efiling@state.ma.us

The following tariff pages are included with this filing:

| | |
|---|---|
| Preface - 9 th Revised Page 1 | Updates Check Sheet |
| Preface - 8 th Revised Page 4 | Updates Check Sheet |
| Section 1 - 1 st Revised Page 10 | Adds definition |
| Section 1 - 3 rd Revised Page 22 | Adds definition |
| Section 9 - 1 st Revised Page 8 | Reduces intrastate switched access rate |
| Section 9 - 4 th Revised Page 10 | Reduces intrastate switched access rate |

Please acknowledge receipt of this filing by date-stamping the extra copy of this cover letter and returning it to me in the self-addressed, stamped envelope provided for that purpose.

Any questions you may have regarding this filing should be directed to my attention at 407-740-3001 or via email to tforte@tminc.com. Thank you for your assistance in this matter.

Sincerely,

/s/Thomas M. Forte

Thomas M. Forte
Consultant to CTC Communications Corp. d/b/a EarthLink Business

cc: Sue Grossenbacher (Via Email) - EarthLink - CTC
file: EarthLink - CTC - Massachusetts - Other
tms: Ma1701
EnclosuresTF/hr

CTC Communications Corp.
d/b/a EarthLink Business
 1170 Peachtree Street NE, Suite 900
 Atlanta, GA 30309
 Issued By: Vice President, Tax

M.D.T.C. Tariff No. 7
 Preface - 9th Revised Page 1
 Preface - Cancells 8th Revised Page 1

Issued: July 27, 2017

Effective: July 29, 2017

SWITCHED ACCESS SERVICES

CHECK SHEET

All sheets of this tariff are effective as of the date shown at the top of the respective sheet(s). Original and revised sheets as named below comprise all changes from the original tariff and are currently in effect as of the date of the top of this page.

| <u>Sect.</u> | <u>Page</u> | <u>Revision</u> | | <u>Sect.</u> | <u>Page</u> | <u>Revision</u> | | <u>Sect.</u> | <u>Page</u> | <u>Revision</u> |
|--------------|-------------|----------------------|---|--------------|-------------|----------------------|---|--------------|-------------|-----------------|
| | Title | 1 st Rev. | | 1 | 18 | Original | | 2 | 20 | Original |
| Pref. | 1 | 9 th Rev. | * | 1 | 19 | Original | | 2 | 21 | Original |
| Pref. | 2 | 1 st Rev. | | 1 | 20 | Original | | 2 | 22 | Original |
| Pref. | 3 | Original | | 1 | 21 | Original | | 2 | 23 | Original |
| Pref. | 4 | 8 th Rev. | * | 1 | 22 | 3 rd Rev. | * | 2 | 24 | Original |
| Pref. | 5 | Original | | 1 | 23 | 1 st Rev. | | 2 | 25 | Original |
| Pref. | 6 | Original | | 2 | 1 | Original | | 2 | 26 | Original |
| Pref. | 7 | 1 st Rev. | | 2 | 2 | Original | | 2 | 27 | Original |
| 1 | 1 | Original | | 2 | 3 | Original | | 2 | 28 | Original |
| 1 | 2 | Original | | 2 | 4 | Original | | 2 | 29 | Original |
| 1 | 3 | Original | | 2 | 5 | Original | | 2 | 30 | Original |
| 1 | 4 | Original | | 2 | 6 | Original | | 2 | 31 | Original |
| 1 | 5 | Original | | 2 | 7 | Original | | 2 | 32 | Original |
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| 1 | 7 | Original | | 2 | 9 | Original | | 2 | 34 | Original |
| 1 | 8 | Original | | 2 | 10 | Original | | 2 | 35 | Original |
| 1 | 9 | Original | | 2 | 11 | Original | | 2 | 36 | Original |
| 1 | 10 | 1 st Rev. | * | 2 | 12 | Original | | 2 | 37 | Original |
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| 7 | 4 | Original | 9 | 4 | Original | 9 | 11 | Original | |
| 7 | 5 | Original | 9 | 5 | Original | 9 | 12 | Original | |
| 7 | 6 | Original | 9 | 6 | Original | 9 | 13 | Original | |
| 8 | 1 | Original | 9 | 7 | 2 nd Rev. | 10 | 1 | 1 st Rev. | |
| | | | | | | 10 | 2 | 1 st Rev. | |
| | | | | | | 10 | 3 | Original | |

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CTC Communications Corp.
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M.D.T.C. Tariff No. 7
Section 1 – 1st Revised Page 10
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SWITCHED ACCESS SERVICES

SECTION 1 - TARIFF INFORMATION (CONT'D.)

1.3 Definitions (Cont'd.)

Channel Service Unit (CSU) - Equipment which performs one or more of the following functions: (a) termination of a digital signal; (b) regeneration of a digital signal; (c) detection and / or correction of signal format error and (d) remote loop back.

Channelize - the process of multiplexing - demultiplexing wider bandwidth or higher speed channels into narrower bandwidth or slower speed channels.

C-Message Noise - The C-Message Frequency weighted average noise within idle voice channel. The Frequency weighting, called C-Message is used to simulate the frequency characteristic of the 500-type telephone set and the hearing of the average subscriber.

C-Notched Noise - The C-Message Frequency weighted noise with a holding tone, which is removed at the measuring end through a notch (very narrow band) filter.

Common Channel Signaling Access - The capability which allows customer access to the CompanySS7 signaling network.

Common Line - A line or trunk, pay telephone line or other facility provided under the general and / or local exchange service tariffs of the Company, terminated on a central office switch. A common line residence is a line or trunk provided under the residential regulations of the general and / or local exchange service tariffs. A common line business is a line provided under the business regulations of the general and / or local exchange service tariffs.

Communications System - Channels and other facilities which are capable of communications between terminal equipment provided by other than the Company.

Company- CTC Communications Corp d/b/a EarthLink Business, unless otherwise indicated by the context.

Company Facilities (3rd 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. **(T)**
(T)

Conversation Minutes - The measurement of minutes beginning when either answer supervision or an off-hook supervisory signal is received from terminating end-user's end office and ending when either disconnect supervision or an on hook supervisory signal is received from the terminating end-user's office, indicating the called party has disconnected.

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SWITCHED ACCESS SERVICES

SECTION 1 - TARIFF INFORMATION (CONT'D.)

1.3 Definitions (Cont'd.)

Throughput - The amount of information that can be moved through a port connection to and from a customer's computer or terminal during a specified time interval. High throughput occurs at transmission rates of 9.5 Kbps or 56 Kbps. Low to medium throughput occurs at transmission speeds up to 9.6 Kbps.

Toll VoIP-PSTN Traffic - The term Toll VoIP-PSTN Traffic denotes a customer's interexchange voice traffic exchanged with the Telephone Company in Time Division Multiplexing format over PSTN facilities, which originates and/or terminates in Internet Protocol (IP) format. Toll VoIP-PSTN Traffic originates and /or terminates in IP format when it originates from and/or terminates to an end user customer of a service that requires IP-compatible customer premises equipment.

Transmission Measuring (105Type) Test Line / Responder - An arrangement in an end office which provides far end access to a responder and permits two-way loss and noise measurements to be made on trunks from a near end office.

Trunk - A transmission path connecting two switching systems in a network, used in the establishment of an end to end connection.

Trunk Circuit Identification Code - The number assigned to each switch trunk to identify it to the SS7 Signaling System.

Trunk Group - A set of trunks which are traffic engineered as a unit for the establishment of connection between switching systems in which all of the communications paths are interchangeable.

Trunk Side Connection - The connection of a transmission path to the trunk side of a local exchange switching system.

Two-Wire to Four-Wire Conversion - An arrangement which converts a four wire transmission path to a two-wire transmission path to allow a four-wire facility to terminate in a two-wire facility.

UNE-P Switched Transport – Service that traverses a tandem switch that is not owned by the Company or its affiliates but is connected through a UNE-P configuration.

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SWITCHED ACCESS SERVICES

SECTION 9 - RATES AND CHARGES (CONT'D.)

9.6 Switched Access Service (Cont'd.)

9.6.5 Tandem Switched Transport - Tandem Switching

A. Eastern and Western LATAs

| | Company Facilities | Third Party Provider (UNE-P) | (T) |
|--------------------------------|-----------------------|---------------------------------|-----|
| Originating, per access minute | \$0.001068 | \$0.001068 | (T) |
| Terminating, per access minute | \$0.000000 | \$0.000700 | (R) |

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SWITCHED ACCESS SERVICES

SECTION 9 - RATES AND CHARGES (CONT'D.)

9.6 Switched Access Service (Cont'd.)

9.6.7 Local Switching

| | | | | |
|----|---|-------------|------------------|-----|
| A. | Eastern and Western LATAs | Company | Third Party | (T) |
| | | Facilities | Provider (UNE-P) | (T) |
| | Originating, per access minute | \$0.0021240 | \$0.0021240 | |
| | Terminating, per access minute | \$0.0000000 | \$0.0000000 | (R) |
| B. | Shared End Office Trunk Port, All LATAs | Company | Third Party | (T) |
| | | Facilities | Provider (UNE-P) | (T) |
| | Originating, per access minute | \$0.0015980 | \$0.0015980 | |
| | Terminating, per access minute | \$0.0000000 | \$0.0000000 | |