



July 16, 2021

Sara J. Clark, Department Secretary
The Commonwealth of Massachusetts
Department of Telecommunications & Cable
1000 Washington Street - Suite 600
Boston, MA 02118-6500

**RE: Tariff Transmittal and Letter of Explanation for Level 3 Communications, LLC
M.D.T.E. Tariff No. 5
8YY Access Service Reform**

Dear Ms. Clark:

Attached for filing are the following revisions to the Level 3 Communications, LLC, M.D.T.E. Tariff No. 5, submitted with an issue date of July 16, 2021 and a proposed effective date of July 31, 2021. In addition, the filing fee of \$100.00 is being sent directly from our Corporate office. The materials consist of tariff pages as indicated on Attachment A, following.

This filing proposes the first step in implementing the 8YY Access Service reductions mandated in the Federal Communications Commission's October 9, 2020 Report and Order in WC Docket No. 18-156, (FCC 20-143), (8YY Access Charge Reform).

Should you have questions or need additional information regarding this filing, please contact me at (303) 992-5838 or via email.

Sincerely,

Marla Hazlett

Marla Hazlett
Attachments

MA2021-05

Marla Hazlett
Senior Government Operations Analyst
marla.hazlett@lumen.com
1025 Eldorado Blvd., Interlocken 4000
Room 44A-F2
Broomfield, CO 80021

SWITCHED ACCESS SERVICES

Massachusetts M.D.T.E. Tariff No. 5

| <u>SECTION</u> | <u>PAGE</u> | <u>REVISION</u> |
|-----------------------|--------------------|------------------------|
| Check Sheet | 1 | 17th |
| 1 | 7 | 4th |
| 1 | 7.1 | Original |
| 14 | 49 | 3rd |
| 14 | 49.1 | Original |
| 15 | 58 | 8th |
| 15 | 58.0 | Original |
| 15 | 58.1 | 9th |

CHECK SHEET

Current pages in this tariff are as follows:

| PAGE | REVISION | PAGE | REVISION | PAGE | REVISION |
|-------|---------------|------|--------------|------|--------------|
| Title | 1st Revised | 25 | 1st Revised | 51 | 3rd Revised |
| 1 | 17th Revised* | 26 | 2nd Revised | 52 | 3rd Revised |
| 2 | 2nd Revised | 26.1 | Original | 52.1 | Original |
| 3 | 2nd Revised | 27 | 2nd Revised | 52.2 | Original |
| 3.1 | 1st Revised | 28 | 2nd Revised | 53 | 3rd Revised |
| 4 | 2nd Revised | 29 | 1st Revised | 54 | 3rd Revised |
| 5 | 1st Revised | 30 | 2nd Revised | 55 | 4th Revised |
| 6 | 4th Revised | 31 | 1st Revised | 56 | 2nd Revised |
| 7 | 4th Revised* | 32 | 1st Revised | 57 | 10th Revised |
| 7.1 | Original* | 33 | 1st Revised | 58 | 8th Revised* |
| 8 | 2nd Revised | 34 | 1st Revised | 58.0 | Original* |
| 9 | 2nd Revised | 35 | 2nd Revised | 58.1 | 9th Revised* |
| 10 | 1st Revised | 36 | 2nd Revised | 59 | 2nd Revised |
| 11 | 1st Revised | 37 | 1st Revised | 59.1 | Original |
| 12 | 1st Revised | 38 | 2nd Revised | 59.2 | Original |
| 13 | 1st Revised | 39 | 2nd Revised | 60 | Original |
| 14 | 1st Revised | 40 | 2nd Revised | 61 | Original |
| 15 | 1st Revised | 41 | 1st Revised | 62 | Original |
| 16 | 1st Revised | 42 | 1st Revised | 63 | Original |
| 17 | 1st Revised | 43 | 1st Revised | | |
| 18 | 2nd Revised | 44 | 2nd Revised | | |
| 19 | 1st Revised | 45 | 2nd Revised | | |
| 19.1 | 1st Revised | 46 | 2nd Revised | | |
| 19.2 | Original | 47 | 1st Revised | | |
| 19.3 | Original | 48 | 3rd Revised | | |
| 20 | 2nd Revised | 49 | 3rd Revised* | | |
| 21 | 2nd Revised | 49.1 | Original* | | |
| 21.1 | Original | 50 | 3rd Revised | | |
| 21.2 | Original | 50.1 | Original | | |
| 21.3 | Original | 50.2 | Original | | |
| 21.4 | Original | 50.3 | Original | | |
| 22 | 2nd Revised | | | | |
| 23 | 1st Revised | | | | |
| 24 | 1st Revised | | | | |

* - indicates those pages included with this filing

Issued: July 16, 2021

Effective: July 31, 2021

Issued by: Vice President - Public Policy & Compliance
Level 3 Communications, LLC
1025 Eldorado Boulevard
Broomfield, CO 80021

MA2021-05

SECTION 1 - DEFINITION OF TERMS (CONT'D)

Non-Toll Free: All calls that are not toll free (8YY) as established by the FCC's 8YY Access Charge Reform Order (FCC 20-143) released on October 9, 2020.

(N)
(N)

PIU: Percent Interstate Usage

Premises: The space occupied by a Customer, Authorized User or Joint User in a building or buildings or contiguous property (except railroad rights-of-way, etc.) not separated by a highway.

Recurring Charges: The monthly charges to the Customer for services, facilities and equipment, which continue for the duration of the service.

Service Commencement Date: The first day following the date on which the Company notifies the Customer that the requested service or facility is available for use, unless extended by the Customer's refusal to accept service which does not conform to standards set forth in the Service Order or the tariffs of the Company, in which case the Service Commencement Date is the date of the Customer's acceptance. The Company and Customer may mutually agree on a substitute Service Commencement Date. In the case of Tandem Connect service ordered under option (2) of Section 12.1.1.2, the Service Commencement Date is the date on which the Customer first sends Switched Access Service traffic to the Company or accepts Switched Access Service traffic from the Company.

Service Order: A written request for Company Services that may be submitted by the Customer in the format devised by the Company. The signing of a Service Order by the Customer and acceptance by the Company will initiate the respective obligations of the parties as set forth herein, but the duration of the service is calculated from the Service Commencement Date.

(M)

(M)

(M) Material moved to Original Page 7.1.

Issued: July 16, 2021

Effective: July 31, 2021

Issued by: Vice President - Public Policy & Compliance
Level 3 Communications, LLC
1025 Eldorado Boulevard
Broomfield, CO 80021

MA2021-05

SECTION 1 - DEFINITION OF TERMS (CONT'D)

Shared: A facility or equipment system or subsystem that can be used simultaneously by several Customers.

(M)

Switched Access Service: Access to the switched network of an Exchange Carrier for the purpose of originating or terminating communications. Switched Access service includes Local Switching, Local Transport, and Carrier Common Line.

Toll Free: The terms “Toll Free” or “Toll Free Service” refer to an inbound telecommunications service which permits calls to be completed to the customer’s location without charge to the calling party. Access to the service is gained by dialing a ten-digit telephone number which terminates at the customer’s location or a location designated by that customer. Toll Free Services typically originate via normal shared use facilities and are terminated via the customer’s local exchange service access line.

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: The sending of electrical or optical signals over a line to a destination.

User: A Customer, Joint User, or any other person authorized by a Customer to use service provided to the Customer under a Level 3 Communications, LLC tariff.

(M)

(M) Material moved from Third Revised Page 7.

Issued: July 16, 2021

Effective: July 31, 2021

Issued by: Vice President - Public Policy & Compliance
Level 3 Communications, LLC
1025 Eldorado Boulevard
Broomfield, CO 80021

MA2021-05

SECTION 14 - SWITCHED ACCESS SERVICE**14.1 General**

Switched Access Service, which is available to Customers for their use in furnishing their services to End Users, provides a communications path between a Customer's Premises and a service obtained by an End User from the Company or (if the Switched Access Service is provided by more than one local exchange carrier as provided in Section 4.2.9 of this Tariff) from another carrier whose network subtends the Company's facilities. It provides for the use of common terminating, switching and transport facilities. Switched Access Service provides the ability to originate calls from an End User's service to a Customer's Premises, and to terminate calls from a Customer's Premises to an End User's service.

Rates and charges are set forth in Section 15. The application of rates for Switched Access Service is described in Section 15.1.3.4.

As established in the 8YY Access Charge Reform (FCC 20-143), existing tandem switching charges and transport charges for originating 8YY traffic are eliminated and a single joint tandem switched access service rate element for 8YY originating access service is established as 8YY Joint Tandem Switched Transport.

(N)

(N)

(M)

(M)

(M) Material moved to Original Page 49.1.

Issued: July 16, 2021

Effective: July 31, 2021

Issued by: Vice President - Public Policy & Compliance
Level 3 Communications, LLC
1025 Eldorado Boulevard
Broomfield, CO 80021

MA2021-05

SECTION 14 - SWITCHED ACCESS SERVICE**14.2 Provision and Description of Switched Access Service Agreements**

Switched Access Service is provided in the following service type:

(M)

14.2.1 Feature Group D (FGD) Access

FGD Access, which is available to all customers, is provisioned at the DSI level and provides trunk-side access to Company switches with an associated uniform 101-XXXX Access Code for Customer's use in originating and terminating communications. FGD service will be provided with SS7 signaling. (Multi-Frequency In-Band signaling may also be available, for a separate charge established under Section 11 of this Tariff.) End Users of Customer's service may also originate calls to certain FGD Access Customers without dialing the 101-XXXX Access Code if End User is presubscribed, as described herein.

The Access Code for FGD switching is a uniform Access Code of the form 10XXX. A single Access Code will be the assigned number of all FGD access provided to the Customer by the Company. No Access Code is required for calls to a customer over FGD Switched Access Service if the End User's telephone exchange service is arranged for Presubscription to that Customer, as set forth herein

Where no Access Code is required, the number dialed by the Customer's End User shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP), except for 00- dialed calls which are routed to the predesignated Customer. For international calls outside the NANP, a seven to twelve digit number maybe dialed. The form of the numbers dialed by the Customer's End User is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA = NXX-XXXX, and when the local Switching Center is equipped for International Direct Distance Dialing (IDDD), O+ CC + NN or 011 + CC + NN.

(M)

(M) Material moved from Second Revised Page 49.

Issued: July 16, 2021

Effective: July 31, 2021

Issued by: Vice President - Public Policy & Compliance
Level 3 Communications, LLC
1025 Eldorado Boulevard
Broomfield, CO 80021

MA2021-05

SECTION 15 – RATES AND CHARGES (CONT'D)

15.1.3.4.3 Switched Transport Usage Rates

| | <u>Access Rate Per Minute</u> | |
|---|-------------------------------|-----|
| -Local Transport | \$0.000000 | |
| -Transport Interconnection | \$0.000000 | |
| -Tandem Switching Charge | | |
| Originating – Non-Toll Free * | \$0.001068 | (C) |
| Terminating to Third Party | \$0.001068 | |
| Terminating to Company | | |
| End Office | \$0.000000 | |
| -8YY Joint Tandem Switched Transport | | (N) |
| Originating –Toll Free * | \$0.001 | (N) |

15.1.3.4.4 Direct-Trunked Transport

Monthly Recurring Rate

| <u>Fixed</u> | <u>Per Mile</u> |
|--------------|-----------------|
| -DS0 | |
| \$33.39 | \$3.89 |
| -DS1 | |
| \$66.00 | \$21.25 |
| -DS3 | |
| \$702 | \$120 |

(M)

* Pursuant to FCC 20-143, separate rate elements for Toll Free and Non-Toll Free originating transport services were established. The Originating Toll Free rate element for combined transport services is displayed as 8YY Joint Tandem Switched Transport. (N)

(N)

(M) Material moved to Original Page 58.0.

Issued: July 16, 2021

Effective: July 31, 2021

Issued by: Vice President - Public Policy & Compliance
Level 3 Communications, LLC
1025 Eldorado Boulevard
Broomfield, CO 80021

MA2021-05

SECTION 15 – RATES AND CHARGES (CONT'D)

| | | | |
|------------|--|--------------------------|-----|
| 15.1.3.5 | Originating Switched Access | | (M) |
| | | Per Access Minute of Use | |
| 15.1.3.5.1 | Local End Office Switching – Toll Free* | \$0.002124 | (C) |
| | Local End Office Switching – Non-Toll Free * | \$0.002124 | (C) |
| 15.1.3.6 | Toll Free Data Base Access Service | | |
| 15.1.3.6.1 | Customer Identification | | |
| | - Per Query | \$0.0041860 | |
| 15.1.3.6.2 | Customer Delivery Charge | | |
| | - Per Query | \$0.0000000 | |
| 15.1.3.7 | Toll Free Inter-Exchange Delivery Service Originating | | (C) |
| 15.1.3.7.1 | Tandem Switching, per minute | \$0.0000000(R) | |
| 15.1.3.7.2 | Tandem Transport per minute/mile | \$0.0000000 (R) | (M) |
| 15.1.3.7.3 | 8YY Joint Tandem Switched Transport | | (N) |
| | Originating Toll Free*, per minute | \$0.001 | (N) |

* Pursuant to FCC 20-143, the Originating Toll Free rate element for combined transport services is displayed as 8YY Joint Tandem Switched Transport above. (N)

(M) Material moved from Seventh Revised Page 58.

Issued: July 16, 2021

Effective: July 31, 2021

Issued by: Vice President - Public Policy & Compliance
Level 3 Communications, LLC
1025 Eldorado Boulevard
Broomfield, CO 80021

MA2021-05

SECTION 15 – RATES AND CHARGES (CONT'D)

| 15.1.3.8 Interstate Rates Applicable to VoIP-PSTN Traffic | | |
|---|--------------------------|-----|
| | <u>Per Minute of Use</u> | |
| Common Trunk Port | \$0.000000 | |
| Local Switching | \$0.000000 | |
| Composite Terminating | | |
| End Office Charge | \$0.000000 | |
| Tandem Switched Facility | | |
| Originating – Non-Toll Free * | \$0.000002 | (C) |
| Terminating to Third Party | \$0.000002 | |
| Terminating to Company End Office | \$0.000000 | |
| Tandem Switching | | |
| Originating – Non-Toll Free * | \$0.001574 | (C) |
| Terminating to Third Party | \$0.001574 | |
| Terminating to Company End Office | \$0.000000 | |
| Tandem Switched Facility Transit | \$0.000000 | |
| Tandem Switching Transit | \$0.001574 | |
| 800 Database Query | \$0.004248 (R) | (N) |
| 8YY Joint Tandem Switched Transport | | (N) |
| Originating –Toll Free * | \$0.001 | (N) |

15.1.4 **Application of rates for Local Connect Switched Access Service, Tandem Connect Switched Access Service, and Third-Party Tandem Connect Switched Access Service**

15.1.4.1 – Rates Applicable To Local Connect Service

15.1.4.1.1 Entrance Facility/Direct Trunked Transport

To obtain Local Connect Service, the Customer must obtain a connection from its Premises in a local access and transport area to the Company local switch to which the Customer seeks to connect. To obtain that connection the Customer must purchase a combination of Entrance Facilities, Direct Trunked Transport, and DS1 switch ports, as well as multiplexing, if applicable.

The Direct Trunked Transport rate shall be applied per DS1-level, DS-3 level, or higher-level connection (for states in which multiple data rate options are available), at the appropriate per-month and per-mile rate(s) specified in Section 15.1.3.4.4 of this tariff. The Per Mile amounts shall be charged monthly and shall be calculated based on the distance between the Customer's premises and the Company local switch to which the Customer seeks to connect, calculated in accordance with Section 10 of this Tariff.

15.1.4.1.2 Multiplexing

The Company's network normally requires traffic delivered to its switches at the DS1 level. If a Customer chooses to obtain multiplexing/demultiplexing services to convert DS3 to DS1 level signaling, the Customer may obtain that service from the Company at the rates stated in Section 15.1.3.4.3. These rates apply per minute of traffic multiplexed or demultiplexed. If multiplexing between other data rates is required, the Company may provide such services in accordance with the terms of Section 11, Special Construction.

- * **Pursuant to FCC 20-143, separate rate elements for Toll Free and Non-Toll Free originating transport services were established. The Originating Toll Free rate element for combined transport services is displayed as 8YY Joint Tandem Switched Transport.** (N)
(N)

Issued: July 16, 2021

Effective: July 31, 2021

Issued by: Vice President - Public Policy & Compliance
Level 3 Communications, LLC
1025 Eldorado Boulevard
Broomfield, CO 80021

MA2021-05