

**APPENDIX A<sup>1</sup>**

**VERIZON MASSACHUSETTS AND TWCIS (MA)  
V1.6**

**A. INTERCONNECTION<sup>2</sup>**

**I. Call Transport & Termination**

	Verizon Service	Non-recurring	Recurring
1.	Reciprocal Compensation Traffic Tandem or End Office Rate <sup>3</sup>	Rates for Reciprocal Compensation are as set forth in Verizon's DTE MA No. 17 Tariff, as amended from time to time	
2.	Access charges for termination of intrastate and interstate Toll Traffic	Per Verizon FCC No. 11 interstate and DTE No. 15 intrastate access tariffs (charged in conjunction with Reciprocal Compensation Traffic, using Traffic Factor 1 and Traffic Factor 2, as appropriate) as amended from time to time	
3.	Entrance facilities, and transport, as appropriate, for Interconnection at Verizon End Office, Tandem Office, Serving Wire Center, or other Point of Interconnection	Per Verizon FCC No. 11 interstate and DTE No. 15 intrastate access tariffs for Feature Group D service as amended from time to time	

<sup>1</sup> This Appendix may contain rates for (and/or reference) services, facilities, arrangements and the like that Verizon does not have an obligation to provide under the Agreement (e.g., services, facilities, arrangements and the like for which an unbundling requirement does not exist under 47 U.S.C. Section 251(c)(3)). Notwithstanding any such rates (and/or references) and, for the avoidance of any doubt, nothing in this Appendix shall be deemed to require Verizon to provide a service, facility, arrangement or the like that the Agreement does not require Verizon to provide, or to provide a service, facility, arrangement or the like upon rates, terms or conditions other than those that may be required by the Agreement.

All rates and charges set forth in this Appendix shall apply until such time as they are replaced by new rates and/or charges as the Commission or the FCC may approve or allow to go into effect from time to time, subject however, to any stay or other order issued by any court of competent jurisdiction. In addition to any rates and charges set forth herein, Verizon, effective as of March 11, 2005, may, but shall not be required to, charge (and TWCIS (MA) shall pay) any rates and charges that apply to a CLEC's embedded base of certain UNEs pursuant to the FCC's Order on Remand, *Unbundled Access to Network Elements; Review of the Section 251 Unbundling Obligations of Incumbent Local Exchange Carriers*, WC Docket No. 04-313, CC Docket No. 01-338 (FCC rel. Feb. 4, 2005) (the "TRRO"), the foregoing being without limitation of other rates and charges that may apply under subsequent FCC orders or otherwise. In addition, as set forth in Industry Notices, surcharges may apply to certain rates contained herein in order to apply a rate equivalent to the resale discount rate for certain facilities and arrangements that are no longer available as unbundled network elements or combinations thereof.

<sup>2</sup> All rates and charges specified herein are pertaining to the Interconnection Attachment.

<sup>3</sup> See the last page regarding measurement and calculation of Reciprocal Compensation Traffic termination charges.

## II. Transit Service

- a. **Tandem Transit Service** (Switching) rates are found in DTE MA No. 17, as amended from time to time.

(1) **Transit Service Trunking Charge**

The rate for Dedicated DS1 Meet Point B (Tandem) trunk port, as set forth in the Verizon FCC Interstate Tariff No. 11 for the relevant third party carrier.

(2) **Transit Service Billing Fee**

Transit Service Billing Fee - Five (5) percent of the Tandem Transit Service charges assessed during the billing period for traffic exchanged with the relevant third party carrier.

- b. **Dedicated Transit Service** rates are found in DTE MA No. 17, as amended from time to time.

## B. UNBUNDLED NETWORK ELEMENTS<sup>4 5</sup>

I. **Ordering of Service rates** are found in DTE MA No. 17.

II. **Issuance, payment and Crediting of Customer Bills rates** are found in DTE MA No. 17.

## III. Unbundled Database Access

- a. **800/888 Database** - rates are found in DTE MA No. 17, as amended from time to time.

b. **LIDB**

- LIDB Service rates are found in DTE MA No. 17.
- LIDB Record management rates are found in DTE MA No. 17, as amended from time to time.

- c. **Common Channel Signaling Network Interconnection (CCS/SS7)** rates are found in DTE MA No. 17, as amended from time to time.

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<sup>4</sup> All rates and charges specified herein are pertaining to the Unbundled Network Element Attachment. Verizon does not agree that UNE prices must be based solely on forward-looking costs, and Verizon reserves the right to seek to change UNE prices to conform to any modification of the FCC's UNE pricing rules.

<sup>5</sup> For the avoidance of any doubt, in addition to any rates and charges set forth herein, Verizon, effective as of March 11, 2005, may, but shall not be required to, charge (and TWCIS (MA) shall pay) any rates and charges that apply to a CLEC's embedded base of certain UNEs pursuant to the TRRO, the foregoing being without limitation of other rates and charges that may apply under subsequent FCC orders or otherwise; in addition, as set forth in Industry Notices, surcharges may apply to certain rates contained herein in order to apply a rate equivalent to the resale discount rate for certain facilities and arrangements that are no longer available as unbundled network elements or combinations thereof.

**IV. Unbundled Local Loops**

(a) Monthly and Non-Recurring rates for Two Wire, Four Wire, (including analog, digital (xDSL), premium and High Capacity Links) are found in DTE MA No. 17, as amended from time to time.

**V. Intrastate Collocation**

All rates for intrastate collocation shall be charged at rates found in Verizon's DTE MA No. 17 Tariff, as amended from time to time.

**VI. Line Sharing**

All rates for Line Sharing shall be charged at rates found in Verizon's DTE MA No. 17 Tariff, as amended from time to time.

**VII. Line Splitting**

Rates for Line Splitting are as set forth in Verizon's DTE MA No. 17 Tariff, as amended from time to time.

**VIII. Unbundled IOF**

Rates for Unbundled IOF are as set forth in Verizon's DTE MA No. 17 Tariff, as amended from time to time.

**IX. Unbundled Multiplexer**

Rates for Unbundled Multiplexer are as set forth in Verizon's DTE MA No. 17 Tariff, as amended from time to time.

**X. Access to Signaling Systems and Call-Related Database Access**

Rates for Access to Signaling Systems and Call-Related Database Access are as set forth in Verizon's DTE MA No. 17, as amended from time to time.

**XI. Unbundled Local Switching**

Rates for Unbundled Local Switching are as set forth in Verizon's DTE MA No. 17 Tariff, as amended from time to time.

**XII. Unbundled Tandem Switching**

Rates for Unbundled Tandem Switching are as set forth in Verizon's DTE MA No. 17 Tariff, as amended from time to time.

**XIII. Network Interface Device (NID) & House and Riser Cable**

Rates for Network Interface Device (NID) & House and Riser Cable are as set forth in Verizon's DTE MA No. 17 Tariff, as amended from time to time.

**XIV. Expanded Extended Loop (EEL)**

Rates for Expanded Extended Loop are as set forth in Verizon's DTE MA No. 17 Tariff, as amended from time to time.

**XV. Combinations of UNE - Switch Sub Platform**

Rates for Combinations of UNE - Switch Sub Platform are as set forth in Verizon's DTE MA No. 17 Tariff, as amended from time to time.

**XVI. UNE-P Combinations**

UNE-P is a combination of existing network elements. Accordingly, UNE-P rates shall be determined by summing the rates for individual network elements found in the MA DTE No. 17 as amended from time to time.

<b>UNE PREMISES OFF PREMISES EXTENSION ANALOG PLATFORM</b>	<b>Recurring Charges</b>
<b>UNE OPE 2-W Analog Loop - Urban</b>	<b>\$14.11</b>
<b>UNE OPE 2-W Analog Loop - Suburban</b>	<b>\$16.12</b>
<b>UNE-P 2-W Analog Loop - Rural</b>	<b>\$20.04</b>

	<b>Non Recurring Charges</b>
<b>UNE-P OPE Service Connection - CO Wiring (per line)</b>	<b>\$1.90</b>
<b>UNE-P OPE Service Connection - CO Wiring (per line) - Expedite</b>	<b>\$1.90</b>

<b>UNE-P OPE Service Connection - Other (per line)</b>	<b>\$0.23</b>
<b>UNE-P OPE Service Connection - Other (per line) - Expedite</b>	<b>\$0.23</b>

<b>UNE-P OPE Installation Dispatch Out (as required) - 1 line</b>	<b>\$28.31</b>
<b>UNE-P OPE Installation Dispatch Out (as required) - 1 line - Expedite</b>	<b>\$28.31</b>
<b>UNE-P OPE Installation Dispatch Out (as required) - 2 - 9 lines</b>	<b>\$34.50</b>
<b>UNE-P OPE Installation Dispatch Out (as required) - 2 - 9 lines - Expedite</b>	<b>\$34.50</b>
<b>UNE-P OPE Installation Dispatch Out (as required) - 10 or more lines</b>	<b>\$40.25</b>
<b>UNE-P OPE Installation Dispatch Out (as required) - 10 or more lines - Expedite</b>	<b>\$40.25</b>

**XVII. Unbundled Dark Fiber**

Rates for Unbundled Dark Fiber are as set forth in Verizon's DTE MA No. 17 Tariff, as amended from time to time.

**XVIII. Unbundled Sub-Loop Arrangements**

Per Verizon's DTE MA No. 17 Tariff, as amended from time to time.

## C. RESALE<sup>6</sup>

### I. Wholesale Discounts

Wholesale discounts are as set forth in the Mass. DTE No.14 Tariff, as amended from time to time.

Month- to- month discounts (per qualifying retail rate):

- a. Where TWCIS (MA) purchases Verizon-provided Operator Services
  - (1) Business 24.99%
  - (2) Residence 24.99%
- b. Where TWCIS (MA) does not purchase Verizon Operator Services
  - (1) Business 29.47%
  - (2) Residence 29.47%

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<sup>6</sup> All rates and charges specified herein are pertaining to the Resale Attachment.

**D. CUSTOMER USAGE DETAIL CHARGES**

Record Charges	
• Per record processed (EMR format)	\$0.004085
• Per record processed (Tandem Subtending Arrangement/EMR)	\$0.004085
• Per record transmitted	\$0.000118
• Per tape/cartridge	\$20.12

**E. 911/E911 INTERCONNECTION**

Monthly Rate:

- I. \$252.00 per month for an unequipped DS1 Port and \$100 per month per voice grade trunk activated and equipped on the DS1 port.
- II. \$0.05 per line per month for unbundled local Switching Element.
- III. Per Verizon's DTE MA No. 17 Tariff.

**F. OPERATIONS SUPPORT SYSTEMS**

a. 1. Rates for access to, development, maintenance and use of Operations Support Systems, as related to the provision of unbundled Network Elements, are as set forth in Verizon's DTE MA No. 17 Tariff, as amended from time to time, subject to the provisions of the Network Elements Attachment.

b.1. Rates for all access to, development, maintenance and use of Operations Support Systems, as related to the provision of Resale, are as set forth in Verizon's DTE MA No. 14 Tariff, as amended from time to time.

**G. TIME AND MATERIALS CHARGES**

Rates for Time and Materials are as set forth in Verizon's DTE MA No. 17 Tariff, as amended from time to time.

RECIPROCAL COMPENSATION TRAFFIC TERMINATION RATES

A. Charges by Verizon

- (a) Reciprocal Compensation Traffic Tandem Rate.
- (b) Reciprocal Compensation Traffic End Office Rate.

B. Charges by TWCIS (MA)

1. Single-tiered interconnection structure:

TWCIS (MA)'s rates for the termination of Verizon's Reciprocal Compensation Traffic under the single-tiered interconnection structure shall be recalculated once each year on each anniversary of the Effective Date (the "Rate Determination Date"). The methodology for recalculating the rates is as follows:

*Tandem Minutes* = Total minutes of use of Reciprocal Compensation Traffic billed to TWCIS (MA) at the Reciprocal Compensation Traffic Tandem Rate for most recent billed quarter.

*End Office Minutes* = Total minutes of use Reciprocal Compensation Traffic billed to TWCIS (MA) at the Reciprocal Compensation Traffic End Office Rate for most recent billed quarter.

*Total Minutes* = Total minutes of use of Reciprocal Compensation Traffic delivered by TWCIS (MA) to Verizon for most recent billed quarter.

TWCIS (MA) Charge at the TWCIS (MA)-POI =

$$\frac{(\textit{Tandem Minutes} \times \textit{Tandem Rate}) + (\textit{End Office Minutes} \times \textit{End Office Rate})}{\textit{Total Minutes}}$$

For the first year after the Effective Date, the TWCIS (MA) charge shall be calculated based on the traffic data of the quarter immediately preceding such Effective Date, or if no such traffic exists, on the proportion of Reciprocal Compensation Traffic termination trunks to Verizon End Offices and to Verizon Tandems.

2. Multiple-tiered interconnection structure (if offered by TWCIS (MA) to any carrier)

- (a) Reciprocal Compensation Traffic to TWCIS (MA) Tandem: Tandem Rate
- (b) Reciprocal Compensation Traffic to terminating TWCIS (MA) End Office/node: End Office Rate

C. Miscellaneous Notes

- 1. The TWCIS (MA) termination rate under the single-tiered interconnection structure set forth above is intended to be a Reciprocal Compensation Traffic termination rate for Interconnection to the TWCIS (MA) within each LATA that is reciprocal and equal to the actual rates that will be charged by Verizon to TWCIS (MA) under the two-tiered Reciprocal Compensation Traffic termination rate structure described above that will apply after the first anniversary of the Effective Date.