

**TARIFF DISTRIBUTION**

FILE PACKAGE NO.: MS-14-0053

DATE: June 30, 2014

STATE: MISSISSIPPI

EFFECTIVE DATE: 06/29/2014

TYPE OF DISTRIBUTION: Approved

PURPOSE: Dedicated Metro E was grandfathered in 2011. This filing is to remove Dedicated Metro E. All customers are off the service.

<b><u>TARIFF SECTION</u></b>	<b><u>PAGE NUMBER</u></b>	<b><u>PAGE REVISION</u></b>
K007	21.7	0003
K007	21.8	0003
K007	21.8.1	0003
K007	33.6	0005
K007	33.6.1	0002
K007	52	0003
K007	55	0004

## E7. SPECIAL ACCESS (A.K.A. BELL SOUTH SPA) SERVICE

### E7.2 Service Descriptions (Cont'd)

#### E7.2.18 BellSouth Metro Ethernet Service

- A. BellSouth Metro Ethernet service is a high-speed packet transport that is based on Ethernet transmission parameters. BellSouth Metro Ethernet service provides various transport capabilities that range from 2 Mbps through 1 Gbps with capabilities for basic, premium and virtual arrangements that may be used to meet individual customer needs. (D)
- B. BellSouth Metro Ethernet service signals meet IEEE 802.3, 802.3u, or 802.3z standards. BellSouth Metro Ethernet service also uses 802.1Q VLAN tagging and stacking for certain service configurations contained herein. Technical requirements for interfaces with customer premises equipment (CPE) are contained in ANSI/IEEE 802.3-2002 Specifications.
- C. BellSouth Metro Ethernet service interface specifications are set forth in BellSouth Technical Reference TR-73632.
- D. The rates and charges set forth in E7.5.22 following for BellSouth Metro Ethernet service provide for the furnishing of service in certain metropolitan areas where suitable Company facilities are available. In locations where BellSouth Metro Ethernet service is not available, special construction charges may apply.
- E. A LAN (local area network) is a communications network spanning a limited geographical area. A LAN connects computers and other peripheral equipment for data communications purposes within a building or campus environment.
- F. A VLAN (virtual local area network) is a logical grouping of Metro Ethernet connections that allows data transmission between such connections to occur as if all connections are on the same physical LAN.
- G. Metro Ethernet is a service where Local Area Networks (LANs) send bi-directional Ethernet traffic to other LANs on an Ethernet Wide Area Network (WAN). Ethernet is one of the most widely deployed LAN/WAN standards. BellSouth Metro Ethernet service supports IEEE Standard 802.3, 802.3u and 802.3z transmission standards.
- H. A Metro Ethernet Customer Network is defined as the set of interconnected Metro Ethernet connections assigned to the same VLAN within the BellSouth core network. Premium Connections that include the Q-Forwarding optional feature described in O. following and Virtual Connections that include the VLAN Aggregation optional feature described in P. following may be part of more than one Metro Ethernet Customer Network.
- I. A Basic BellSouth Metro Ethernet service Connection provides 2 Mbps, 4 Mbps, 8 Mbps, 10 Mbps, 100 Mbps and 1 Gbps Ethernet capabilities that are a part of a BellSouth Metro Ethernet service network within a metropolitan area. Basic BellSouth Metro Ethernet service is a best effort service with service capabilities that are affected by overall traffic on the Basic BellSouth Metro Ethernet service network and is suitable for data transmission only.

A Basic BellSouth Metro Ethernet service connection operating at any of these speeds is capable of interconnecting with other Basic BellSouth Metro Ethernet service Connections that are operating at any of these speeds in the same metropolitan area.

A Basic BellSouth Metro Ethernet service connection provides data channel transport that connects customer premises<sup>1</sup> that are 10 miles or less in distance from the BellSouth Metro Ethernet service wire center associated with the Basic BellSouth Metro Ethernet service Connection. Customer locations<sup>1</sup> greater than 10 miles from the Basic BellSouth Metro Ethernet service wire center also require BellSouth Metro Ethernet service Additional Mileage charges.

**Note 1:** And as alternatively set forth in E7.4.32.A.5. *and 6.* following.

---

## E7. SPECIAL ACCESS (A.K.A. BELL SOUTH SPA) SERVICE

### E7.2 Service Descriptions (Cont'd)

#### E7.2.18 BellSouth Metro Ethernet Service (Cont'd)

K.

- L. A Virtual BellSouth Metro Ethernet Service Connection provides 2 Mbps, 4 Mbps, 8 Mbps, 10 Mbps, 20 Mbps, 50 Mbps, 80 Mbps, 100 Mbps, 200 Mbps, 300 Mbps, 450 Mbps, 600 Mbps, 750 Mbps and 900 Mbps Ethernet capabilities that are a part of a BellSouth Metro Ethernet Service network within a metropolitan area. Virtual BellSouth Metro Ethernet Service provides the ability to order Ethernet Service where a single customer connection can support multiple applications with varying Quality of Service (QoS) features and Classes of Service.

Virtual BellSouth Metro Ethernet Service provides customer capabilities to support different Classes of Service (CoS) (i.e., Real-Time, Interactive, Business Critical and Best Effort as described in E7.2.18.T) over the same Connection and offers customers increased flexibility to match bandwidth to their real needs for voice/data/video applications on each Connection. The customer orders the percentage of their Virtual BellSouth Metro Ethernet Service Connection bandwidth that will be allocated for each class of service.

For each Virtual Connection, the customer's bandwidth will be limited to the fixed speed associated with each CoS level specified in the CoS profile selected for the Virtual Connection.

A Virtual BellSouth Metro Ethernet Service Connection operating at any of these speeds is capable of interconnecting with other Virtual BellSouth Metro Ethernet Service Connections that are operating at any of these speeds in the same metropolitan area.

A Virtual BellSouth Metro Ethernet Service Connection provides data channel transport that connects customer premises<sup>1</sup> that are 10 miles or less in distance from the BellSouth Metro Ethernet Service wire center associated with the Virtual BellSouth Metro Ethernet Service Connection. Customer locations<sup>1</sup> greater than 10 miles from the Virtual BellSouth Metro Ethernet Service wire center also require BellSouth Metro Ethernet Service Additional Mileage charges.

**Note 1:** And as alternatively set forth in E7.4.32.A.5. *and 6.* following.

## E7. SPECIAL ACCESS (A.K.A. BELL SOUTH SPA) SERVICE

### E7.2 Service Descriptions (Cont'd)

#### E7.2.18 BellSouth Metro Ethernet Service (Cont'd)

- M.** BellSouth Metro Ethernet service Additional Mileage charges associated with a BellSouth Metro Ethernet service Connection apply when the total distance from the customer premises<sup>1</sup> to the BellSouth Metro Ethernet service wire center associated with the service serving the customer premises<sup>1</sup> is greater than 10 miles in length. The additional mileage is measured in airline miles from the customer premises<sup>1</sup> to the BellSouth Metro Ethernet service wire center associated with the BellSouth Metro Ethernet service. Fractions of miles will be considered as a whole mile.

BellSouth Metro Ethernet service Additional Mileage charges apply to Basic, Premium and Virtual BellSouth Metro Ethernet service based on the service's speed and the total distance associated with the data channel. The BellSouth Metro Ethernet service Additional Mileage Charge is based on the mileage band the total data channel mileage falls into. For example, a data channel that is 30 miles in length would be charged the additional mileage rate for the greater than 25 mile through 35 mile band. (D)

- N.** Priority Plus is an optional feature available to customers with Premium BellSouth Metro Ethernet service. Priority Plus provides the customer with the ability to prioritize their traffic in accordance with a predefined hardware queue model approach. With this option, customers will assign priority values to their data and higher-priority data will be transmitted first. Priority Plus service traffic is limited to a small subset of the total Committed Bandwidth (CBW) traffic and is marked for expedited handling within the Metro Ethernet Service. Customers that desire Priority Plus must establish it for all of their Premium BellSouth Metro Ethernet service Connections within that Metro Ethernet Customer Network.

- O.** Q-Forwarding is an optional feature available to customers with Premium BellSouth Metro Ethernet service. Q-Forwarding provides VLAN aggregation across a common physical connection. This feature supports customer aggregation of traffic from multiple Metro Ethernet Customer Networks (referred to as VLANS). This aggregated traffic can be transported back to a central location and across a common Metro Ethernet Service Connection (referred to as the "aggregation" connection). Q-Forwarding utilizes IEEE 802.1Q VLAN Tagging procedures.

While Q-Forwarding is available with BellSouth Premium Metro Ethernet Connections at 2 Mbps, 4 Mbps and 8 Mbps, this feature is subject to technical limitations set forth in Technical Reference 73632 when used with these speed connections.

With Q-Forwarding, special technical considerations set forth in Technical Reference 73632 must be taken into account to determine the customer's CBW across their BellSouth Metro Ethernet Network.

The Q-Forwarding Service Establishment Charge is a charge to provision a Premium Metro Ethernet Connection with the Q-Forwarding feature and identify it as an "aggregation" connection.

The Q-Forwarding Network Assignment Charge is a charge to provision each Metro Ethernet Customer Network to the Q-Forwarding "aggregation" connection. The Q-Forwarding Network Assignment Charge applies for each VLAN connected to the Q-Forwarding "aggregation" connection.

- P.** VLAN Aggregation is an optional feature available to customers with Virtual BellSouth Metro Ethernet Service. VLAN Aggregation provides VLAN aggregation across a common physical connection. This feature supports customer aggregation of traffic from multiple Metro Ethernet Customer Networks (referred to as VLANS) comprised of Virtual Connections. This aggregated traffic can be transported back to a central location and across a common Virtual Metro Ethernet Service Connection (referred to as the "aggregation" connection). VLAN Aggregation utilizes IEEE 802.1Q VLAN Tagging procedures.

The VLAN Aggregation Service Establishment Charge is a charge to provision a Virtual Metro Ethernet Connection with this feature and identify it as an "aggregation" connection.

The VLAN Aggregation Network Assignment Charge is a charge to provision each Virtual Ethernet Customer Network to the "aggregation" connection. The VLAN Aggregation Network Assignment Charge applies for each VLAN connected to the "aggregation" connection.

**Note 1:** And as alternatively set forth in E7.4.32.A.5. and 6. following.

---

## E7. SPECIAL ACCESS (A.K.A. BELL SOUTH SPA) SERVICE

### E7.4 Rate Regulations (Cont'd)

#### E7.4.32 BellSouth Metro Ethernet Service (Cont'd)

**B. Rate Categories and Regulations**

1. The following rate categories apply for BellSouth Metro Ethernet service. Applicable rates and charges are provided in E7.5.22 following.
  - (a) Basic BellSouth Metro Ethernet service Connection
  - (b) Premium BellSouth Metro Ethernet service Connection
  - (c)
  - (d) Virtual BellSouth Metro Ethernet service Connection
  - (e) BellSouth Metro Ethernet service Additional Mileage Charge
  - (f) Priority Plus Feature
  - (g) Q-Forwarding Feature
  - (h) VLAN Aggregation Feature
  - (i) *CNM* - Metro Ethernet Reporting Feature
  - (j) Class of Service (CoS) Profile
  - (k) Automatic Protection Switching Feature
  - (l) Service Reconfiguration Charge
  - (m) System Reconfiguration Charge
2. BellSouth Metro Ethernet service is available under month-to-month rates as provided in E7.5.22.A. following or under the optional Transport Payment Plan (TPP) (as described in E2.4.9.C. of this Tariff) to receive the TPP rates provided in E7.5.22.B. following.
3. BellSouth Metro Ethernet service Connections are provided utilizing various Ethernet equipment configurations referred to herein as "physical service types". The physical service type of each BellSouth Metro Ethernet Connection is provided in the chart in 5. following.
4. A hierarchy of the various BellSouth Metro Ethernet service Connections by capability (i.e., basic, premium and virtual) and speed is provided in the chart in 5. following. This chart provides a higher order of service ranking that is utilized to determine the appropriate nonrecurring charges for service reconfiguration requests. This ranking is also utilized to determine if termination liability is applicable for specific reconfiguration requests if the service is under a TPP term commitment. (D)

**E7. SPECIAL ACCESS (A.K.A. BELL SOUTH SPA) SERVICE**

**E7.4 Rate Regulations (Cont'd)**

**E7.4.32 BellSouth Metro Ethernet Service (Cont'd)**

**B. Rate Categories and Regulations (Cont'd)**

- 5. The following informational chart provides the physical service type of each BellSouth Metro Ethernet Connection and provides the other BellSouth Metro Ethernet Connections which are considered to be a higher order of service (BellSouth Metro Ethernet service hierarchy).

Metro Ethernet Connection (Mbps):	Physical Service Type:	Higher Order of Service (Mbps):
- Basic 2	Basic 0	Basic 4,8,10,100,1000; Premium <sup>1</sup> 2, 4, 8,10,20,50,100,250,500; Virtual 2,4,8,10,20,50,80,100,200,300,450,600,750,900
- Basic 4	Basic 0	Basic 8,10,100,1000; Premium <sup>1</sup> 4, 8,10,20,50,100,250,500; Virtual 4,8,10,20,50,80,100,200,300,450,600,750,900
- Basic 8	Basic 0	Basic 10,100,1000; Premium <sup>1</sup> 8,10,20,50,100,250,500; Virtual 8,10,20,50,80,100,200,300,450,600,750,900
- Basic 10	Basic I	Basic 100,1000; Premium <sup>1</sup> 10,20,50,100,250,500,900 <sup>2</sup> ; Virtual 10,20,50,80,100, 200,300,450,600,750,900
- Basic 100	Basic II	Basic 1000; Premium <sup>1</sup> 100,250,500,900 <sup>2</sup> ; Virtual 80, 100,200,300,450,600,750,900
- Basic 1000	Basic III	Premium <sup>1</sup> 500,900 <sup>2</sup> ; Virtual 450,600,750,900
- Premium 2	Premium 0	Basic 100,1000; Premium <sup>1</sup> 4,8,10,20,50,100,250,500; Virtual 2,4,8,10,20,50,80,100,200,300,450,600,750,900
- Premium 4	Premium 0	Basic 100,1000; Premium <sup>1</sup> 8,10,20,50,100,250,500; Virtual 4,8,10,20,50,80,100,200,300,450,600,750,900
- Premium 8	Premium 0	Basic 100,1000; Premium <sup>1</sup> 10,20,50,100,250,500; Virtual 8,10,20,50,80,100,200,300,450,600,750,900
- Premium <sup>1</sup> 10	Premium I	Basic 1000; Premium <sup>1</sup> 20,50,100,250,500,900 <sup>2</sup> ; Virtual 10,20,50,80,100,200,300, 450,600,750,900
- Premium <sup>1</sup> 20	Premium I	Basic 1000; Premium <sup>1</sup> 50,100,250,500,900 <sup>2</sup> ; Virtual 20,50,80,100,200,300,450, 600,750,900
- Premium <sup>1</sup> 50	Premium I	Premium <sup>1</sup> 100,250,500,900 <sup>2</sup> ; Virtual 50,80,100,200, 300,450,600,750,900
- Premium <sup>1</sup> 100	Premium II	Premium <sup>1</sup> 250,500,900 <sup>2</sup> ; Virtual 100,200,300,450,600,750,900
- Premium <sup>1</sup> 250	Premium II	Premium <sup>1</sup> 500,900 <sup>2</sup> ; Virtual 300,450,600,750,900
- Premium <sup>1</sup> 500	Premium II	Premium 900 <sup>2</sup> ; Virtual 450,600,750,900
- Premium 900 <sup>2</sup>	Premium II	Virtual 900
- Virtual 2	Virtual 0	Basic 100,1000; Premium <sup>1</sup> 10,20,50,100,250,500; Virtual 4,8,10,20,50,80,100,200,300,450,600,750,900
- Virtual 4	Virtual 0	Basic 100,1000; Premium <sup>1</sup> 10,20,50,100,250,500; Virtual 8,10,20,50,80,100,200,300,450,600,750,900
- Virtual 8	Virtual 0	Basic 100,1000; Premium <sup>1</sup> 10,20,50,100,250,500; Virtual 10,20,50,80,100,200,300,450,600,750,900
- Virtual 10	Virtual I	Basic 1000; Premium <sup>1</sup> 20,50,100,250,500,900 <sup>2</sup> ; Virtual 20,50,80,100,200,300,450, 600, 750,900
- Virtual 20	Virtual I	Basic 1000; Premium <sup>1</sup> 50,100,250,500,900 <sup>2</sup> ; Virtual 50,80,100,200,300,450,600,750,900
- Virtual 50	Virtual II	Basic 1000; Premium <sup>1</sup> 100,250,500,900 <sup>2</sup> ; Virtual 80, 100,200,300,450,600,750,900
- Virtual 80	Virtual II	Basic 1000; Premium <sup>1</sup> 100,250,500,900 <sup>2</sup> ; Virtual 100, 200,300,450,600,750,900
- Virtual 100	Virtual II	Premium <sup>1</sup> 250,500,900 <sup>2</sup> ; Virtual 200,300,450,600,750,900
- Virtual 200	Virtual II	Premium <sup>1</sup> 500,900 <sup>2</sup> ; Virtual 300,450,600,750,900
- Virtual 300	Virtual II	Premium <sup>1</sup> 500,900 <sup>2</sup> ; Virtual 450,600,750,900
- Virtual 450	Virtual II	Premium 900 <sup>2</sup> ; Virtual 600,750,900
- Virtual 600	Virtual II	Premium 900 <sup>2</sup> ; Virtual 750,900
- Virtual 750	Virtual II	Premium 900 <sup>2</sup> ; Virtual 900
- Virtual 900	Virtual II	None offered at this time

Note in the above chart that the reference to Basic 1000 Mbps refers to Basic 1 Gbps.

**Note 1:** Fixed Mode or Burst Mode.

**Note 2:** Premium 900 Mbps only available as Fixed Mode.

**E7. SPECIAL ACCESS (A.K.A. BELL SOUTH SPA) SERVICE**

**E7.5 Rates and Charges (Cont'd)**

**E7.5.22 BellSouth Metro Ethernet Service (Cont'd)**

**A. Rates and charges for month-to-month service (Cont'd)**

**6. BellSouth Metro Ethernet Service Additional Mileage**

- (a) BellSouth Metro Ethernet Service Additional Mileage:  
BellSouth Metro Ethernet Service arrangements greater than  
10 miles through 25 airline miles

	<b>Month to Month</b>	<b>USOC</b>	
- Per 2 – 9 Mbps Connection	\$ 320.00	MTEMO	(D)
- Per 10 – 99 Mbps Connection	333.00	MTEMA	
- Per 100 – 499 Mbps Connection	414.00	MTEMB	
- Per 500 Mbps – 1 Gbps Connection	504.00	MTEMC	

- (b) BellSouth Metro Ethernet Service Additional Mileage:  
BellSouth Metro Ethernet Service arrangements greater than  
25 miles through 35 airline miles

- Per 2 – 9 Mbps Connection	525.00	MTEMD	(D)
- Per 10 – 99 Mbps Connection	558.00	MTEME	
- Per 100 – 499 Mbps Connection	702.00	MTEMF	
- Per 500 Mbps – 1 Gbps Connection	837.00	MTEMG	

- (c) BellSouth Metro Ethernet Service Additional Mileage:  
BellSouth Metro Ethernet Service arrangements greater than  
35 miles through 50 airline miles

- Per 2 – 9 Mbps Connection	800.00	MTEMH	(D)
- Per 10 – 99 Mbps Connection	873.00	MTEMJ	
- Per 100 – 499 Mbps Connection	1,089.00	MTEMK	
- Per 500 Mbps – 1 Gbps Connection	1,314.00	MTEML	

**7. BellSouth Metro Ethernet Service Independent Company (ICO) Trunk Additional Mileage Charges**

- (a) BellSouth Metro Ethernet Service ICO Trunk Additional Mileage:  
BellSouth Metro Ethernet Service ICO Trunk arrangements greater than  
10 miles through 25 airline miles

- per VLAN Connection	170.00	MTEM1	
-----------------------	--------	-------	--

- (b) BellSouth Metro Ethernet Service ICO Trunk Additional Mileage:  
BellSouth Metro Ethernet Service ICO Trunk arrangements greater than  
25 miles through 35 airline miles

- per VLAN Connection	420.00	MTEM2	
-----------------------	--------	-------	--

- (c) BellSouth Metro Ethernet Service ICO Trunk Additional Mileage:  
BellSouth Metro Ethernet Service ICO Trunk arrangements greater than  
35 miles through 50 airline miles

- per VLAN Connection	675.00	MTEM3	
-----------------------	--------	-------	--

(D)

**E7. SPECIAL ACCESS (A.K.A. BELL SOUTH SPA) SERVICE**

**E7.5 Rates and Charges (Cont'd)**

**E7.5.22 BellSouth Metro Ethernet Service (Cont'd)**

**B. Rates and charges for Transport Payment Plan (Cont'd)**

**6. BellSouth Metro Ethernet Service Additional Mileage**

- (a) BellSouth Metro Ethernet Service Additional Mileage:  
BellSouth Metro Ethernet Service arrangements greater than 10 miles through 25 airline miles

	<b>Transport Payment Plan Rates</b>				
	<b>Nonrecurring Charge</b>	<b>A 12-36 Mos</b>	<b>B 37-60 Mos<sup>1</sup></b>	<b>C 61-96 Mos<sup>1</sup></b>	
- Per 2 – 9 Mbps Connection	\$ -	\$ 320.00	\$ 320.00	\$ 320.00	MTEMO
- Per 10 – 99 Mbps Connection	-	333.00	333.00	333.00	MTEMA
- Per 100 – 499 Mbps Connection	-	414.00	414.00	414.00	MTEMB
- Per 500 Mbps – 1 Gbps Connection	-	504.00	504.00	504.00	MTEMC

- (b) BellSouth Metro Ethernet Service Additional Mileage:  
BellSouth Metro Ethernet Service arrangements greater than 25 miles through 35 airline miles

- Per 2 – 9 Mbps Connection	-	525.00	525.00	525.00	MTEMD
- Per 10 – 99 Mbps Connection	-	558.00	558.00	558.00	MTEME
- Per 100 – 499 Mbps Connection	-	702.00	702.00	702.00	MTEMF
- Per 500 Mbps – 1 Gbps Connection	-	837.00	837.00	837.00	MTEMG

- (c) BellSouth Metro Ethernet Service Additional Mileage:  
BellSouth Metro Ethernet Service arrangements greater than 35 miles through 50 airline miles

- Per 2 – 9 Mbps Connection	-	800.00	800.00	800.00	MTEMH
- Per 10 – 99 Mbps Connection	-	873.00	873.00	873.00	MTEMJ
- Per 100 – 499 Mbps Connection	-	1,089.00	1,089.00	1,089.00	MTEMK
- Per 500 Mbps – 1 Gbps Connection	-	1,314.00	1,314.00	1,314.00	MTEML

**7. BellSouth Metro Ethernet Service Independent Company (ICO) Trunk Additional Mileage Charges**

- (a) BellSouth Metro Ethernet Service ICO Trunk Additional Mileage:  
BellSouth Metro Ethernet Service ICO Trunk arrangements greater than 10 miles through 25 airline miles  
- per VLAN Connection

-	170.00	170.00	170.00	MTEM1
---	--------	--------	--------	-------

- (b) BellSouth Metro Ethernet Service ICO Trunk Additional Mileage:  
BellSouth Metro Ethernet Service ICO Trunk arrangements greater than 25 miles through 35 airline miles  
- per VLAN Connection

-	420.00	420.00	420.00	MTEM2
---	--------	--------	--------	-------

- (c) BellSouth Metro Ethernet Service ICO Trunk Additional Mileage:  
BellSouth Metro Ethernet Service ICO Trunk arrangements greater than 35 miles through 50 airline miles  
- per VLAN Connection

-	675.00	675.00	675.00	MTEM3
---	--------	--------	--------	-------

**Note 1:** All term plans for BellSouth Metro Ethernet Service which are established, renewed or extended after December 25, 2013, for term lengths which are scheduled to expire at any time after October 1, 2018, will instead expire on October 1, 2018. All such services existing on or after October 1, 2018, will be provided on a month-to-month basis at the applicable, then current month-to-month rates.