



---

**BellSouth Business Markets**

675 West Peachtree Street  
Atlanta, Georgia 30375

**Carrier Notification  
SN91086132**

Date: June 22, 2006

To: All Business Markets – Wholesale Customers

Subject: All Business Markets – Wholesale Customers – (Billing, Tariff and Product/Service) – Enhancement to the BellSouth® SMARTRing® Service Offerings to Add Virtual Packet Ring Capability and Basic Shared Ethernet LAN Access Links

This is to advise that, on June 30, 2006, the BellSouth Tariff FCC No. 1, Section 7, will become effective. This tariff enhancement will allow for the establishment of a Virtual Packet Ring (VPR) for the transport of Basic Shared Ethernet services. In addition, this tariff enhancement will enable the customers of SMARTRing® services to be able to establish a VPR. The VPR will utilize Basic Shared Ethernet Local Area Network (LAN) Access Links for the transport of Basic Shared Ethernet LAN traffic. The SMARTRing service will be able to transport more than one VPR, subject to the capacity of the SMARTRing service. The establishment of the VPR will require establishing two or more Basic Shared Ethernet LAN Access Links to deliver the Ethernet connectivity. The Basic Shared Ethernet LAN Access Links are available as either optical or electrical. At this time, the mixing of electrical and optical access links is not available.

Please refer to the attached tables for additional information regarding the VPR size that is available for the SMARTRing service and the Basic Shared Ethernet Access Link connectable to the VPRs. The ability to obtain the features of the VPR and Basic Shared Ethernet LAN Access Links are based upon the equipment capability and limitations of the SMARTRing service.

Ordering and implementation may begin on the tariff effective date. To take advantage of these offerings, please contact your BellSouth account team representative. The Carrier Access Billing System (CABS) will render billing in the same manner in which existing CABS bills are rendered today. In addition, the CABS bill will reflect the appropriate Uniform Service Order Code (USOC) for the services ordered.

Should you have questions, please contact your BellSouth account team representative.

Sincerely,

**ORIGINAL SIGNED BY KRISTEN E. SHORE**

Kristen E. Shore – Director  
BellSouth Business Markets

Attachment

**Table 1 - BellSouth SMARTRing Service Capability:**

SMARTRing Service Ring Capacity	Virtual Packet Ring Size (Mbps)					
	50 Mbps	150 Mbps	300 Mbps	450 Mbps	600 Mbps	1000 Mbps
OC-12	Yes	Yes	Yes	Yes	No	No
OC-48 or OC-48+	Yes	Yes	Yes	Yes	Yes	Yes
OC-192 or OC-192+	Yes	Yes	Yes	Yes	Yes	Yes

**Table 2 - Basic Shared Ethernet Access Links:**

Basic Shared Ethernet Access Links	Virtual Packet Ring Size (Mbps)					
	50 Mbps	150 Mbps	300 Mbps	450 Mbps	600 Mbps	1000 Mbps
10 Mbps Basic Shared Ethernet LAN Access Link - Electrical	Yes	Yes	Yes	Yes	Yes	Yes
100 Mbps Basic Shared Ethernet LAN Access Link - Electrical	No	Yes	Yes	Yes	Yes	Yes
100 Mbps Basic Shared Ethernet LAN Access Link - Optical	No	Yes	Yes	Yes	Yes	Yes
Fractional 1000 Mbps Basic Ethernet LAN access link						
-Optical at 50 Mbps	No	Yes	Yes	Yes	Yes	Yes
-Optical at 150 Mbps	No	No	Yes	Yes	Yes	Yes
-Optical at 300 Mbps	No	No	No	Yes	Yes	Yes
-Optical at 450 Mbps	No	No	No	No	Yes	Yes
-Optical at 600 Mbps	No	No	No	No	No	Yes