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**BellSouth Interconnection Services**

675 West Peachtree Street  
Atlanta, Georgia 30375

**Carrier Notification  
SN91085075**

Date: May 5, 2005

To: All Interconnection Services Customers

Subject: All Interconnections Services Customers – (Product /Services and Tariff) –  
**REVISED** - Introducing BellSouth® Wavelength Dedicated Ring Service  
(Originally posted on March 29, 2005)

This is to advise that **on April 30, 2005**, BellSouth **introduced the** BellSouth Wavelength Dedicated Ring Service in the BellSouth Tariff FCC No. 1, Section 29. This service is provided in dedicated ring architecture. The system is capable of providing up to 32 wavelengths in each direction for a total capacity of 64 unprotected wavelengths. The system nodes can be located at a customer location and/or a BellSouth Central Office (CO), with a minimum requirement of three nodes having at least one premise in a BellSouth CO. The initial installation will require a minimum of an eight-wavelength capacity with incremental increases of eight wavelengths up to the total capacity of 32 wavelengths between any two nodes.

The wavelength services that are transported via the BellSouth Wavelength Dedicated Ring will be available as transparent transport or bit rate specific service. The transparent transport offer bandwidths of 100 Mbps to 1.25 Gbps and 155 Mbps to 2.5 Gbps. The bit rate specific services are 1.25 Gbps transporting 1,000 Mbps, 2.5 Gbps transporting an OC3/12/48, and 10 Gbps transporting OC192/STM64 with transparent overhead and 10 Gbps Wide Area Network (WAN) with no monitoring above the physical layer. These wavelengths will be offered as unprotected or client-protected services, with client protection offering two diversely routed wavelengths and the customer equipment providing the protection switching capability. The bit rate specific services will offer connectivity to existing BellSouth® SMARTRing® service (a.k.a. BellSouth SPA Dedicated Ring) and BellSouth® LightGate® service (a. k. a. BellSouth SPA Point to Point Network Synchronous System Service).

Ordering and implementation **started on April 30, 2005**, the effective date of the tariff. Carrier Access Billing System (CABS) bills will be rendered in the same manner that existing bills are rendered to the designated Billing Account Number (BAN). In addition, the CABS bill will reflect the appropriate Uniform Service Order Code (USOC) for the services ordered.

These services will be offered via the Service Inquiry (SI) process. To take advantage of these offerings, or if you have any questions, please contact your BellSouth account team representative.

Sincerely,

**ORIGINAL SIGNED BY JERRY HENDRIX**

Jerry Hendrix – Assistant Vice President  
BellSouth Interconnection Services