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**BellSouth Interconnection Services**

675 West Peachtree Street  
Atlanta, Georgia 30375

**Carrier Notification  
SN91085092**

Date: June 1, 2005

To: All Interconnection Services Customers

Subject: All Interconnection Services Customers – (Product /Services and Tariff) – **REVISED-**  
Introducing BellSouth® Wavelength Channel Service (Originally posted on April 28, 2005)

This is to advise that effective June 7, 2005, BellSouth will offer BellSouth® Wavelength Channel service in the BellSouth Tariff FCC No. 1, Section 29. This service will be provided as: (1) an individual shared infrastructure local channel, (2) a customer dedicated local channel and (3) a shared infrastructure interoffice channel service architecture.

The dedicated local channel system is capable of providing a maximum total capacity of 32 unprotected wavelengths. The dedicated system nodes will be located at a customer location and the BellSouth Serving Wire Center (SWC). The initial installation will require a minimum capacity of a four unprotected wavelength **system** with incremental increases to **an** eight, sixteen and thirty-two unprotected wavelength **system**.

The wavelength services transported via the BellSouth Wavelength Channel service will be available as a bit rate specific **and transparent transport** service. The bit rate specific services are (1) 1.25 Gbps transporting 1,000 Mbps; (2) 2.5 Gbps transporting an OC3/12/48, (3) 10 Gbps transporting OC192/STM64 with transparent overhead and (4) 10 Gbps Wide Area Network (WAN) with no monitoring above the physical layer. **The transparent transport service will include a 1.25 Gbps and 2.5 Gbps wavelength channel on a dedicated channel system and/or interoffice service. The transparent transport bandwidths are from 100 Mbps to 1.25 Gbps and 100 Mbps to 2.5 Gbps.** 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). The wavelength transport will be offered as unprotected or client-protected services. **The transparent transport services will offer connectivity to BellSouth® Wavelength Dedicated Ring Service.**

Ordering and provisioning will begin on June 7, 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 process. To take advantage of these offerings, please contact your BellSouth account team representative.

Sincerely,

**ORIGINAL SIGNED BY JERRY HENDRIX**

Jerry Hendrix – Assistant Vice President  
BellSouth Interconnection Services