

BELLSOUTH TELECOMMUNICATIONS, INC.

DESCRIPTION AND JUSTIFICATION

NEW OPTIONS FOR BELLSOUTH WAVELENGTH SERVICES

TRANSMITTAL NO. 1078

1.0 INTRODUCTION

With this filing, BellSouth Telecommunications, Inc. (hereinafter "BellSouth") is revising the F.C.C. Tariff No. 1, Sections 6, 23 and 29, to introduce new options for BellSouth Wavelength Dedicated Ring Service, BellSouth Wavelength SWA Dedicated Ring Service Components and BellSouth Wavelength Channel Service.

This Transmittal will be filed on June 1, 2007, to be effective on June 2, 2007.

2.0 DESCRIPTION

BellSouth Wavelength Dedicated Ring Service, BellSouth Wavelength SWA Dedicated Ring Service Components and BellSouth Wavelength Channel Service provide high volume optical transport capabilities in ring and point-to-point service configurations. These optical transport capabilities include various transparent and bit rate specific wavelength channels.

This filing introduces new WaveGate II Wavelength Channel transport for use with BellSouth Wavelength Dedicated Ring Service and BellSouth Wavelength SWA Dedicated Ring Service Components. WaveGate II Wavelength Channels provide transport capabilities with OC-48 and OC-192 SONET channelization capabilities at both ends of the wavelength channel. In addition, Single Bay service arrangements are being introduced for use with WaveGate transport.

This filing also introduces 10 Gbps LAN Local Channel and Interoffice Channel transport capabilities which are new options for BellSouth Wavelength Channel Service.

Section 29 is being revised to add the rate elements for WaveGate II Wavelength Channels and 10 Gbps LAN transport; demand for these options will be placed in the Special Access price caps basket. Section 6 is also being revised to add rate elements for WaveGate II Wavelength Channels to allow transport of switched access traffic; demand will be placed in the Trunking basket. This filing is also adding the above rate elements to Section 23 for pricing flexibility.

3.0 PRICE CAP COMPLIANCE

No supporting documentation is required for a new service filing, as discussed in Section 61.49 of the Commission's Rules.