

**Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554**

In the Matter of)
)
BellSouth Plan for)
Comparably Efficient Interconnection for)
Gateway Services)
)
BellSouth Plan for)
Comparably Efficient Interconnection for)
Synchronous Protocol Processing Services)

AMENDMENT TO BELLSOUTH CEI PLANS

BellSouth Corporation, on behalf of BellSouth Telecommunications, Inc. (“BellSouth”), hereby publishes this Amendment to BellSouth’s previously approved plans for comparably efficient interconnection (“CEI”) for gateway services and synchronous protocol processing services.¹ This amendment adds to the list of basic services that BellSouth will use and to the list of protocols that will be converted by BellSouth in offering its BellSouth Voice Over Internet Protocol (“VoIP”) Conversion Service covered by these two plans.²

BellSouth VoIP Conversion Service is a protocol conversion service that allows the Customer to deliver Internet Protocol (IP) voice traffic to BellSouth and have BellSouth convert and return that same voice traffic to the Customer in the Time Division Multiplexing (TDM) protocol format. BellSouth anticipates that a future version of its VoIP Conversion Service will be introduced shortly whereby BellSouth will receive the Customer’s TDM voice traffic, convert it to the IP protocol format and return it to the Customer. An additional amendment to this plan

¹ See, BellSouth Plan for Comparably Efficient Interconnection for Gateway Services, 4 FCC Rcd 4524 (1989); BellSouth Plan for Comparably Efficient Interconnection for Synchronous Protocol Processing Services, 4 FCC Rcd 1560, amended 4 FCC 6825 (1989).

² The Commission has eliminated its requirement that CEI plans and amendments be filed and approved by the Commission before a Bell Operating Company (“BOC”) offers services in accordance with such plans or amendments. Computer III Further Remand Proceedings: Bell Operating Company Provision of Enhanced Services; 1998 Biennial Regulatory Review – Review of Computer III and ONA Safeguards and Requirements, CC Docket No. 95-20, 98-10, Report and Order, FCC 99-36 (released March 10, 1999).

will be filed prior to the introduction of this future service option if any new basic network services or functionality is used to provide such service option.

In order to provide BellSouth's VoIP Conversion service, BellSouth will use its own Internet Access Service to receive voice encoded IP traffic from the Customer via either (1) a Shared Internet Access connection provided by BellSouth's ISP, or (2) a Special Access Service facility purchased by the Customer for those Customers requiring dedicated IP connections. In this service arrangement, the basic network service purchased by BellSouth and used to connect BellSouth's VoIP Conversion Service to the Shared Internet Access connection or to the Customer's Special Access Service facility is purchased from BellSouth's Fast Packet Access Service tariff, FCC Tariff No. 1, Section 21. The basic network service facility purchased by BellSouth under this tariff includes the following tariffed elements:

- DS3 ATM User Network Interface
- Permanent Virtual Circuit and Bandwidth.

Additionally, BellSouth will purchase an asynchronous DS3 High Capacity Service under BellSouth's Special Access Service tariff (FCC Tariff No. 1, Section 7) to enable BellSouth to deliver TDM converted traffic back to the Customer. This DS3 arrangement includes the following tariffed elements:

- Lightgate 1 Local Channel
- Central Office Channelization/DS3
- Multiplexing/DS3
- Per 28 DS1 sys/DS1
- Customer Channel Interface/DS3
- Local Channel Mileage Per additional ½ mile.

The following basic network services, as set forth in FCC Tariff NO. 1, Section 7, will be purchased by Customers to access and use BellSouth's VoIP Conversion Service:

- Lightgate 1 Local Channel
- Central Office Channelization/DS3
- Multiplexing/DS3
- Per 28 DS1 sys/DS1
- Customer Channel Interface/DS3

Local Channel Mileage Per additional ½ mile.

In addition, Customers requiring a dedicated IP connection will purchase the following, as set forth in FCC tariff NO. 1, section 21:

- DS3 ATM User Network Interface
- VBR PVC Segment
- Bandwidth/Segment/Megabit
- Above from FCC NO. 1 Section 21
- Either a BellSouth Exchange Access Transfer Mode Service or a BellSouth Managed Shared Asynchronous Transfer Mode Service connection, either of which must be at the DS3 or higher ATM connection speed

Current tariff information can be determined by visiting BellSouth's online tariff website at <http://cpr.bst.bellsouth.com/index2.html>.

The following new protocols will be supported as part of BellSouth's VoIP Conversion Service:

- H.323, H.225, H.245, G.711, G.711 (SS), G.723 (1&1A), G.726, G.729 (A,AB)
- TDM
- SIP