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150 South Monroe Street
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Marshall M. Criser III
Regulatory Vice President

March 24, 2000

Mrs. Blanca S. Bayo
Director, Division of Records and Reporting
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399

000358-TP

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RECORDS AND REPORTING

Re: Approval of an Amendment to the Interconnection Agreement Negotiated by BellSouth Telecommunications, Inc. ("BellSouth") and MGC Communications, Inc. pursuant to Sections 251, 252 and 271 of the Telecommunications Act of 1996

Dear Mrs. Bayo:

Pursuant to section 252(e) of the Telecommunications Act of 1996, BellSouth and MGC Communications, Inc. are submitting to the Florida Public Service Commission an amendment to their negotiated agreement for the interconnection of their networks, the unbundling of specific network elements offered by BellSouth and the resale of BellSouth's telecommunications services to MGC Communications, Inc. The Commission approved the initial agreement between the companies in Order No. 98-1330-FOF-TP issued October 12, 1999 in Docket 980861-TP.

Pursuant to section 252(e) of the Act, the Commission is charged with approving or rejecting the negotiated agreement between BellSouth and MGC Communications, Inc. within 90 days of its submission. The Act provides that the Commission may only reject such an agreement if it finds that the agreement or any portion of the agreement discriminates against a telecommunications carrier not a party to the agreement or the implementation of the agreement or any portion of the agreement is not consistent with the public interest, convenience and necessity. Both parties aver that neither of these reasons exist as to the agreement they have negotiated and therefore, are very hopeful that the Commission shall approve their agreement.

Very truly yours,

Marshall M. Criser III

Regulatory Vice President

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ATTACHMENT TO TRANSMITTAL LETTER

The Amendment, made effective 2/9/00, to the Interconnection Agreement entered into by and between **MGC Communications, Inc.** and BellSouth Telecommunications, Inc., dated 5/26/98, for the state(s) of Florida, and Georgia consists of the following:

ITEM	NO. PAGES
Amendment	11
TOTAL	11

**AMENDMENT
TO THE
INTERCONNECTION AGREEMENT BETWEEN
MGC COMMUNICATIONS, INC.
AND
BELLSOUTH TELECOMMUNICATIONS, INC.
DATED May 26, 1998**

Pursuant to this Agreement (the "Amendment"), BellSouth Telecommunications, Inc. ("BellSouth") and MGC Communications, Inc., ("MGC"), hereinafter referred to collectively as the "Parties," hereby agree to amend that certain Interconnection Agreement between the Parties effective May 26, 1998.

NOW THEREFORE, in consideration of the mutual provisions contained herein and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, BellSouth and MGC hereby covenant and agree as follows:

1. The Parties agree to replace Attachment 2, Sections 8.1 through 8.3, in their entirety with the following:

8. Transport

8.1 Definition of Common (Shared) Transport

Common (Shared) Transport is an interoffice transmission path between two BellSouth end-offices, BellSouth end-office and a local tandem, or between two local tandems. Where BellSouth Network Elements are connected by intra-office wiring, such wiring is provided as a part of the Network Elements and is not Common (Shared) Transport. Common (Shared) Transport consists of BellSouth inter-office transport facilities and is unbundled from local switching.

8.2 Technical Requirements of Common (Shared) Transport

- 8.2.1 Common (Shared) Transport provided on DS1 or VT1.5 circuits, shall, at a minimum, meet the performance, availability, jitter, and delay requirements specified for Central Office to Central Office ("CO to CO") connections in the appropriate industry standards.
- 8.2.2 Common (Shared) Transport provided on DS3 circuits, STS-1 circuits, and higher transmission bit rate circuits, shall, at a minimum, meet the performance, availability, jitter, and delay requirements specified for CO to CO connections in the appropriate industry standards.
- 8.2.3 BellSouth shall be responsible for the engineering, provisioning, and maintenance of the underlying equipment and facilities that are used to provide Common (Shared) Transport.

- 8.2.3.1 At a minimum, Common (Shared) Transport shall meet all of the requirements set forth in the following technical references (as applicable for the transport technology being used):
- 8.2.3.1.1 ANSI T1.101-1994, American National Standard for Telecommunications - Synchronization Interface Standard Performance and Availability;
 - 8.2.3.1.2 ANSI T1.102-1993, American National Standard for Telecommunications - Digital Hierarchy - Electrical Interfaces;
 - 8.2.3.1.3 ANSI T1.102.01-199x, American National Standard for Telecommunications - Digital Hierarchy - VT1.5;
 - 8.2.3.1.4 ANSI T1.105-1995, American National Standard for Telecommunications - Synchronous Optical Network (SONET) - Basic Description including Multiplex Structure, Rates and Formats;
 - 8.2.3.1.5 ANSI T1.105.01-1995, American National Standard for Telecommunications - Synchronous Optical Network (SONET) - Automatic Protection Switching;
 - 8.2.3.1.6 ANSI T1.105.02-1995, American National Standard for Telecommunications - Synchronous Optical Network (SONET) - Payload Mappings;
 - 8.2.3.1.7 ANSI T1.105.03-1994, American National Standard for Telecommunications - Synchronous Optical Network (SONET) - Jitter at Network Interfaces;
 - 8.2.3.1.8 ANSI T1.105.03a-1995, American National Standard for Telecommunications - Synchronous Optical Network (SONET): Jitter at Network Interfaces - DS1 Supplement;
 - 8.2.3.1.9 ANSI T1.105.05-1994, American National Standard for Telecommunications - Synchronous Optical Network (SONET) - Tandem Connection;
 - 8.2.3.1.10 ANSI T1.105.06-199x, American National Standard for Telecommunications - Synchronous Optical Network (SONET) - Physical Layer Specifications;
 - 8.2.3.1.11 ANSI T1.105.07-199x, American National Standard for Telecommunications - Synchronous Optical Network (SONET) - Sub STS-1 Interface Rates and Formats;
 - 8.2.3.1.12 ANSI T1.105.09-199x, American National Standard for Telecommunications - Synchronous Optical Network (SONET) - Network Element Timing and Synchronization;

- 8.2.3.1.13 ANSI T1.106-1988, American National Standard for Telecommunications - Digital Hierarchy - Optical Interface Specifications (Single Mode);
- 8.2.3.1.14 ANSI T1.107-1988, American National Standard for Telecommunications - Digital Hierarchy - Formats Specifications;
- 8.2.3.1.15 ANSI T1.107a-1990 - American National Standard for Telecommunications - Digital Hierarchy - Supplement to Formats Specifications (DS3 Format Applications);
- 8.2.3.1.16 ANSI T1.107b-1991 - American National Standard for Telecommunications - Digital Hierarchy - Supplement to Formats Specifications;
- 8.2.3.1.17 ANSI T1.117-1991, American National Standard for Telecommunications - Digital Hierarchy - Optical Interface Specifications (SONET) (Single Mode - Short Reach);
- 8.2.3.1.18 ANSI T1.403-1989, Carrier to Customer Installation, DS1 Metallic Interface Specification;
- 8.2.3.1.19 ANSI T1.404-1994, Network-to-Customer Installation - DS3 Metallic Interface Specification;
- 8.2.3.1.20 ITU Recommendation G.707, Network node interface for the synchronous digital hierarchy (SDH);
- 8.2.3.1.21 ITU Recommendation G.704, Synchronous frame structures used at 1544, 6312, 2048, 8488 and 44736 kbit/s hierarchical levels;
- 8.2.3.1.22 Telcordia (formerly BellCore) FR-440 and TR-NWT-000499, Transport Systems Generic Requirements (TSGR): Common Requirements;
- 8.2.3.1.23 Telcordia (formerly BellCore) GR-820-CORE, Generic Transmission Surveillance: DS1 & DS3 Performance;
- 8.2.3.1.24 Telcordia (formerly BellCore) GR-253-CORE, Synchronous Optical Network Systems (SONET); Common Generic Criteria;
- 8.2.3.1.25 Telcordia (formerly BellCore) TR-NWT 000507, Transmission, Section 7, Issue 5 (Telcordia (formerly BellCore), December 1993). (A module of LSSGR, FR-NWT-000064.);
- 8.2.3.1.26 Telcordia (formerly BellCore) TR-NWT-000776, Network Interface Description for ISDN Customer Access;

- 8.2.3.1.27 Telcordia (formerly BellCore) TR-INS-000342, High-Capacity Digital Special Access Service-Transmission Parameter Limits and Interface Combinations, Issue 1 February 1991;
- 8.2.3.1.28 Telcordia (formerly BellCore) ST-TEC 000052, Telecommunications Transmission Engineering Textbook, Volume 2: Facilities, Third Edition, Issue I May 1989;
- 8.2.3.1.29 Telcordia (formerly BellCore) ST-TEC-000051, Telecommunications Transmission Engineering Textbook Volume 1: Principles, Third Edition. Issue 1 August 1987.

8.3 Dedicated Transport

8.3.1 Definitions

8.3.1.1 Dedicated Transport

Dedicated Transport is defined as BellSouth transmission facilities dedicated to a particular customer or carrier that provide telecommunications between wire centers owned by BellSouth or requesting telecommunications carriers, or between switches owned by BellSouth or requesting telecommunications carriers.

8.3.1.1 Unbundled Local Channel

Unbundled Local Channel is the dedicated transmission path between MGC's Point of Presence and the BellSouth Serving Wire Center's collocation.

8.3.1.2 Unbundled Interoffice Channel.

Unbundled Interoffice Channel is the dedicated transmission path that provides telecommunication between BellSouth's Serving Wire Centers' collocations.

8.3.2 BellSouth shall offer Dedicated Transport in each of the following ways:

8.3.2.1 As capacity on a shared UNE facility.

8.3.2.2 As a circuit (e.g., DS0, DS1, DS3) dedicated to MGC. This circuit shall consist of an Unbundled Local Channel or an Unbundled Interoffice Channel or both.

8.3.3 When Dedicated Transport is provided it shall include:

8.3.3.1 Transmission equipment such as, line terminating equipment, amplifiers, and regenerators;

- 8.3.3.2 Inter-office transmission facilities such as optical fiber, copper twisted pair, and coaxial cable.
- 8.3.4 Rates for Dedicated Transport are listed in Attachment 11. For those states that do not contain rates in Attachment 11 the rates in the applicable State Access Tariff will apply as interim rates. When final rates are developed, these interim rates will be subject to true-up, and the Parties will amend the Agreement to reflect the new rates.
- 8.3.5 Technical Requirements
- 8.3.5.1 This Section sets forth technical requirements for all Dedicated Transport.
- 8.3.5.2 When BellSouth provides Dedicated Transport, the entire designated transmission service (e.g., DS0, DS1, DS3) shall be dedicated to MGC designated traffic.
- 8.3.5.3 BellSouth shall offer Dedicated Transport in all technologies that become available including, but not limited to, (1) DS0, DS1 and DS3 transport services, and (2) SONET at available transmission bit rates.
- 8.3.5.4 For DS1 or VT1.5 circuits, Dedicated Transport shall, at a minimum, meet the performance, availability, jitter, and delay requirements specified for Customer Interface to Central Office ("CI to CO") connections in the appropriate industry standards.
- 8.3.5.5 Where applicable, for DS3, Dedicated Transport shall, at a minimum, meet the performance, availability, jitter, and delay requirements specified for CI to CO connections in the appropriate industry standards.
- 8.3.5.6 BellSouth shall offer the following interface transmission rates for Dedicated Transport:
- 8.3.5.6.1 DS0 Equivalent;
- 8.3.5.6.2 DS1 (Extended SuperFrame - ESF);
- 8.3.5.6.3 DS3 (signal must be framed);
- 8.3.5.6.4 SDH (Synchronous Digital Hierarchy) Standard interface rates in accordance with International Telecommunications Union (ITU) Recommendation G.707 and Plesiochronous Digital Hierarchy (PDH) rates per ITU Recommendation G.704.

- 8.3.5.6.5 When Dedicated Transport is provided, BellSouth shall design it according to BellSouth's network infrastructure to allow for the termination points specified by MGC.
- 8.3.6 National References:
- 8.3.6.1 ANSI T1.101-1994 American National Standard for Telecommunications – *Synchronization Interface for Digital Networks*;
- 8.3.6.2 ANSI T1.105-1995 American National Standard for Telecommunications – Synchronous Optical Network (SONET) – Basic Description including Multiplex Structure, Rates, and Formats;
- 8.3.6.3 ANSI T1.105.01-1995 American National Standard for Telecommunications – Synchronous Optical Network (SONET) – Automatic Protection Switching;
- 8.3.6.4 ANSI T1.105.02-1995 American National Standard for Telecommunications – Synchronous Optical Network (SONET) – Payload Mappings;
- 8.3.6.5 ANSI T1.105.03-1994 American National Standard for Telecommunications – Synchronous Optical Network (SONET) – Jitter at Network Interfaces;
- 8.3.6.6 ANSI T1.105.03a-1995 American National Standard for Telecommunications – Synchronous Optical Network (SONET) – Jitter at Network Interfaces – DS1 Supplement;
- 8.3.6.7 ANSI T1.107-1995 American National Standard for Telecommunications – Digital Hierarchy – Formats Specifications;
- 8.3.6.8 ANSI T1.403-1995 American National Standard for Telecommunications – Network-to-Customer Installation – DS1 Metallic Interface;
- 8.3.6.9 ANSI T1.404-1994 American National Standard for Telecommunications – Network-to-Customer Installation – DS3 Metallic Interface Specification;
- 8.3.6.10 ANSI T1.404a-1996 American National Standard for Telecommunications – Network-to-Customer Installation – DS3 Metallic Interface Specification (supplement);
- 8.3.6.11 IEC 825-1 Safety of Laser Products, Part 1: Equipment classifications, requirements and user's guide, First Edition, 1999-11;

- 8.3.6.12 IEC 825-2 Safety of Laser Products, Part 2: Safety of optical fiber communication systems, First Edition, 1993-09;
- 8.3.6.13 ANSI T1.102-1993, American National Standard for Telecommunications – Digital Hierarchy – Electrical Interfaces;
- 8.3.6.14 ANSI T1.107-1995, American National Standard for Telecommunications – Digital Hierarchy – Formats Specifications;
- 8.3.6.15 Telecordia (formerly Bellcore) Technical Documents:
 - 8.3.6.15.1 GR-20-CORE Generic Requirements for Optical Fiber and Optical Fiber Cables, Issue 1, December 1994;
 - 8.3.6.15.2 GR-253-CORE Synchronous Optical Network (SONET) Transport Systems: Common Criteria Physical Layer, Issue 1, December 1994;
 - 8.3.6.15.3 GR-342-CORE High-Capacity Digital Special Access Service Transmission Parameter Limits and Interface Combination, Issue 1, December 1995;
 - 8.3.6.15.4 GR-436-CORE Digital Network Synchronization Plan, Issue 1, June 1994
 - 8.3.6.15.6 GR-1365-CORE SONET Private Line Service Interface Generic Criteria for End Users, Issue 1, December 1994;
 - 8.3.6.15.7 Telecordia (formerly Bellcore) FR-440 and TR-NWT-000499, Transport Systems Generic Requirements (TSGR): Common Requirements;
 - 8.3.6.15.8 Telecordia (formerly Bellcore) GR-820-CORE, Generic Transmission Surveillance; DS1 & DS3 Performance;
 - 8.3.6.15.9 Telecordia (formerly Bellcore) TR-NWT 000507, Transmission, Section 7, Issue 5 (Telecordia (formerly BellCore), December 1993). (A module of LSSGR, FR-NWT-000064.);
 - 8.3.5.15.10 Telecordia (formerly Bellcore) GR-342-CORE, High-Capacity Digital Special Access Service-Transmission Parameter Limits and Interface Combinations, Issue 1 December 1995;
 - 8.3.5.15.11 Telecordia (formerly Bellcore) ST-TEC 000052, Telecommunications Transmission Engineering Textbook, Volume 2: Facilities, Third Edition, Issue 1 May 1989;
 - 8.3.5.15.12 Telecorida (formerly Bellcore) ST-TEC-000051, Telecommunications Transmission Engineering Textbook Volume 1: Principles, Third Edition. Issue 1, August 1987;

- 8.3.5.16 BellSouth Technical References:
- 8.3.5.16.1 TR-TSY-000191 Alarm Indication Signals Requirements and Objectives, Issue 1, May 1986.
- 8.3.5.16.2 TR 73501 LightGate[®] Service Interface and Performance Specifications, Issue D, June 1995.
- 8.3.5.16.3 TR 73525 MegaLink[®] Service, MegaLink Channel Service & MegaLink Plus Service Interface and Performance Specifications, Issue C, May 1996.

2. The Parties further hereby agree to append Attachment 11 for Florida and Georgia as follows:

Local Channel - Dedicated - DS3		Florida	Georgia
Monthly Recurring	TMECS	NA	NA
NRC - 1 st	TMECS	NA	NA
NRC - Add'l	TMECS	NA	NA
NRC - Incremental Charge--Manual Svc Order - 1st	SOMAC	NA	NA
NRC - Incremental Charge--Manual Svc Order - Add'l	SOMAC	NA	NA
Interoffice Transport - Dedicated - DS3			
Interoffice Transport -- Dedicated -DS3 - per mile per month	IL5XX	\$10.25	\$7.07
Interoffice Transport -- Dedicated -DS3 -- facility termination per month	UITF3	\$994.83	\$743.41
NRC - 1 st	UITF3	\$884.71	\$878.95
NRC - Add'l	UITF3	\$552.81	\$542.61
NRC -- Incremental Charge--Manual Service Order -- 1st	SOMAC	NA	\$98.49
NRC - Incremental Charge--Manual Service Order - Add'l	SOMAC	NA	\$98.49

Notes: If no rate is identified in the contract, the rate for the specific service or function will be as set forth in applicable BellSouth tariff or as negotiated by the parties upon request by either party.

3. The Parties also hereby agree to replace Attachment 3, Section 1.2 in its entirety as follows:

1.2 Interconnection Points. Local interconnection is available at any technically feasible point within BellSouth's network. Interconnection is currently available at the following points:

1.2.1 Trunk-side of local switch.

1.2.2 Trunk interconnection points for tandem switch.

1.2.3 Central office cross-connect points.

1.2.4 Out-of-band signal transfer points.

1.2.5 Fiber Meet

1.2.5.1 "Fiber-Meet" is an interconnection arrangement whereby the Parties physically interconnect their networks via an optical fiber interface (as opposed to an electrical interface) at which one Party's facilities, provisioning, and maintenance responsibility begins and the other Party's responsibility ends (i.e. Point Of Interface).

1.2.5.2 If MGC elects to interconnect with BellSouth pursuant to a Fiber Meet, MGC and BellSouth shall jointly engineer and operate a Synchronous Optical Network ("SONET") transmission system by which they shall interconnect their transmission and routing of local traffic via a Local Channel facility at either the DS0, DS1, or DS3 level. The Parties shall work jointly to determine the specific transmission system. However, MGC's SONET transmission must be compatible with BellSouth's equipment in the BellSouth Interconnection Wire Center. The same vendor's equipment and software version must be used, and the Data Communications Channel (DCC) must be turned off.

1.2.5.3 BellSouth shall, wholly at its own expense, procure, install and maintain the agreed upon SONET equipment in the BellSouth Interconnection Wire Center ("BIWC").

1.2.5.4 MGC shall, wholly at its own expense, procure, install and maintain the agreed upon SONET equipment in the MGC Interconnection Wire Center ("MGC Wire Center").

1.2.5.5 BellSouth shall designate a Point of Interface outside the BIWC as a Fiber Meet point and shall make all necessary preparations to receive, and to allow and enable MGC to deliver, fiber optic facilities into the Point of Interface with sufficient spare length to reach the fusion splice point at the Point of Interface. BellSouth shall, wholly at its own expense, procure, install, and maintain the fusion splicing point in the Point of Interface. A Common Language Location Identification ("CLLI") code will be established for each Point of Interface. The code established must be a building type code. All orders shall originate from the Point of Interface (i.e., Point of Interface to MGC, Point of Interface to BellSouth).

- 1.2.5.6 MGC shall deliver and maintain such strands wholly at its own expense. Upon verbal request by MGC, BellSouth shall allow MGC access to the Fiber Meet entry point for maintenance purposes as promptly as possible.
- 1.2.5.7 The Parties shall jointly coordinate and undertake maintenance of the SONET transmission system. Each Party shall be responsible for maintaining the components of their own SONET transmission system.
- 1.2.5.8 Each Party will be responsible for (i) providing its own transport facilities to the Fiber Meet, and (ii) the cost to build-out its facilities to such Fiber Meet.
- 1.2.5.9 Neither Party shall charge the other for its portion of the Fiber Meet facility used exclusively for non-transit local traffic (i.e. the Local Channel). Charges incurred for other services including dedicated transport facilities to the Point of Interconnection if applicable will apply. Charges for Switched and Special Access Services shall be billed in accordance with the applicable Access Service tariff (i.e. the BellSouth Interstate or Intrastate Access Services Tariff).
- 1.2.6 Interconnection at applicable unbundled network element points is also available.
- 1.2.7 BellSouth may provide local interconnection at any other technically feasible point. Requests for interconnection at other points may be made through the bona fide request process set out in Attachment 9.

4. The Parties agree that all of the other provisions of the Interconnection Agreement shall remain in full force and effect.

5. The Parties further agree that either or both of the Parties are authorized to submit this Amendment to the appropriate Commission or other regulatory body having jurisdiction over the subject matter of this Amendment, for approval subject to Section 252(e) of the federal Telecommunications Act of 1996.

IN WITNESS WHEREOF, the Parties hereto have caused this Amendment to be executed by their respective duly authorized representatives on the date indicated below.

MGC Communications, Inc.

BellSouth Telecommunications, Inc.

By: *James D. Mitchell III*

By: *Jerry D. Hendrix*

Name: *James D. Mitchell III*

Name: *Jerry D. Hendrix*

Title: *Eastern Region President*

Title: *Senior Director*

Date: *2/3/00*

Date: *2/9/00*