NANCY B. WHITE
Assistant General Counsel-Florida

BellSouth Telecommunications, Inc. 150 South Monroe Street Room 400 Tallahassee, Florida 32301 (305) 347-5558



June 1, 1998

Mrs. Blanca S. Bayó Director, Division of Records and Reporting Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, FL 32399-0850

Re: Docket No. 980281-TP MCI Complaint

Dear Ms. Bayó:

Enclosed is an original and fifteen copies of BellSouth Telecommunications, Inc.'s Direct Testimony of Jerry D. Hendrix, W. Keith Milner, and William N. Stacy, which we ask that you file in the captioned matter.

A copy of this letter is enclosed. Please mark it to indicate that the original was filed and return the copy to me. Copies have been served to the parties shown on the attached Certificate of Service.

Sincerely,

APP		Mancy B.	W
CMU Suran	ni	Nancy B. White	
CTRNB	VV/vf		
EAG			
LIN Storge.	All parties of record A. M. Lombardo		
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CERTIFICATE OF SERVICE Docket No. 980281-TP

I HEREBY CERTIFY that a true and correct copy of the foregoing was served by U.S. Mail this 1st day of June, 1998 to the following:

Beth Keating Legal Counsel Florida Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, FL 32399-0850

Hopping Law Firm Richard Melson P.O. Box 6526 Tallahassee, FL 32314 Tel. No. (850) 222-7500 Fax. No. (850) 224-8551

MCI Metro Access Transmission Services, Inc. Thomas K. Bond 780 Johnson Ferry Road Suite 700 Atlanta, GA 30342 Tel. No. (404) 267-6315 Fax. No. (404) 267-5992

Nancy B. White

ORIGINAL

1	•	
2		BELLSOUTH TELECOMMUNICATIONS, INC.
3		TESTIMONY OF JERRY HENDRIX
4		BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION
5		DOCKET NO. 980281-TP
6		June 1, 1998
7		
8	Q.	PLEASE STATE YOUR NAME AND COMPANY NAME AND
9		ADDRESS.
10		
11	A.	My name is Jerry Hendrix. I am employed by BellSouth
12		Telecommunications, Inc. as Director - Interconnection Services
13		Pricing. My business address is 675 West Peachtree Street, Atlanta,
14		Georgia 30375.
15		
16	Q.	PLEASE SUMMARIZE YOUR BACKGROUND AND EXPERIENCE.
17		
18	A.	I graduated from Morehouse College in Atlanta, Georgia in 1975 with a
19		Bachelor of Arts Degree. I began employment with Southern Bell in
20		1979 and have held various positions in the Network Distribution
21		Department before joining the BellSouth Headquarters Regulatory
22		organization in 1985. On January 1, 1996 my responsibilities moved to
23		Interconnection Services Pricing in the Interconnection Customer
24		Business Unit .
25		

1	Q,	HAVE YOU TESTIFIED PREVIOUSLY?
2		
3	A.	Yes. I have testified in proceedings before the Alabama, Florida,
4		Georgia, Kentucky, Louisiana, Mississippi, South Carolina, and
5		Tennessee Public Service Commissions and the North Carolina Utilities
6		Commission.
7		
8	Q.	WHAT IS THE PURPOSE OF YOUR TESTIMONY?
9		
0	A.	The purpose of my testimony is to address the MCImetro Access
1		Transmission Services, Inc. (hereinafter referred to as "MCIm")
2		complaint filed with the Florida Public Service Commission which
3		alleges failure by BellSouth to comply with the Parties' Interconnection
4		Agreement. Specifically, I will address the contractual requirements
5		for each issue. I will address issues (11) Recorded Usage Data, and
6		(12) Directory Listing information fully.
7		
8		
9	Q.	SEVERAL OF THE ISSUES IN THIS PROCEEDING CENTER ON
20		PARITY FOR ACCESS TO UNBUNDLED NETWORK ELEMENTS.
21		WHAT DOES THE TELECOMMUNICATIONS ACT OF 1996
22		REQUIRE?
23		
24	A.	In Section 251 Interconnection (c)(3) UNBUNDLED ACCESS of the
25		Act, BellSouth has "The duty to provide, to any requesting

'		to cooming the control of the provision of a telecommunications
2		service, nondiscriminatory access to network elements on an
3		unbundled basis at any technically feasible point on rates, terms, and
4		conditions that are just, reasonable, and nondiscriminatory in
5		accordance with the terms and conditions of the agreement and the
6		requirements of this section and section 252. An incumbent local
7		exchange carrier shall provide such unbundled network elements in a
8		manner that allows requesting carriers to combine such elements in
9		order to provide such telecommunications service."
0		
1		
2	Issue	No. 1 .
3		HAS BELLSOUTH PROVIDED MCIMETRO WITH INFORMATION
4		ABOUT BELLSOUTH'S OSS AND RELATED DATABASES IN
5		COMPLIANCE WITH THE TELECOMMUNICATIONS ACT OF 1996
6		AND THE PARTIES' INTERCONNECTION AGREEMENT? IF NO,
17		WHAT ACTION, IF ANY, SHOULD THE COMMISSION TAKE?
8		
9	Q.	DOES THE INTERCONNECTION AGREEMENT BETWEEN
20		MCIMETRO AND BELLSOUTH ADDRESS THE PROVISION OF
21		OPERATIONS SUPPORT SYSTEMS (OSS)?
22		
23	A.	Yes. Part A, Section 13.3 of the Agreement (Exhibit JDH-1) states
24		"BellSouth agrees that it will provide to MCIm on a nondiscriminatory
25		basisthe operations support systems as set forth in the Agreement

BellSouth further agrees that these services, or their functional
components, will contain all the same features, functions and
capabilities and be provided at a level of quality at least equal to that
which it provides to itself or its Affiliates."
In Section 13.8 "BellSouth agrees that order entry, provisioning,
installation, trouble resolution, maintenance, billing and service quality
with respect to Local Resale will be provided at least as expeditiously
as BellSouth provides for itself or for its own retail local service or to
others, or to its Affiliates, and that it will provide such services to MCIm
in a competitively neutral fashion."
In Attachment VIII, Section 2.3.1.3 (Exhibit JDH-2), "BellSouth and
MCIm shall agree on and implement interim solutions for each interface
within thirty (30) days after the Effective Date of this Agreement, unless
otherwise specified in Exhibit A of this Attachment. The interim
interface(s) shall, at a minimum, provide MCIm the same functionality
and level of service as is currently provided by the electronic interfaces
used by BellSouth for its own systems, users, or subscribers."

it states that ".....BellSouth shall provide necessary maintenance business process support as well as those technical and systems interfaces required to enable MCIm to provide at least the same level and quality of service .." At 5.1.1.2 the agreement states "Until an

Additionally, at Section 5.1.1.1 of this same Attachment (Exhibit JDH-3)

1	<i>:</i>	Electronic Interface is available, BellSouth shall provide access
2		numbers to the state specific TRC"
3		
4		Mr. Stacy addresses the various ways BellSouth provides MCIm
5		access to the Operational Support Systems for pre-ordering, ordering,
6		number reservation, trouble reporting, and maintenance activities.
7		
8		
9	Issue	No. 2
10		HAS BELLSOUTH PROVIDED MCIMETRO WITH STREET ADDRESS
11		GUIDE (SAG) DATA IN COMPLIANCE WITH THE
12		TELECOMMUNICATIONS ACT OF 1996, AND THE PARTIES'
13		INTERCONNECTION AGREEMENT? IF NO, WHAT ACTION, IF ANY,
14		SHOULD THE COMMISSION TAKE?
15		
16	Q.	DOES THE AGREEMENT BETWEEN THE PARTIES ADDRESS THE
17		STREET ADDRESS GUIDE (SAG)?
18		
19	A.	Yes. Attachment VIII, Section 2.1.3.1 of the Agreement (Exhibit JDH-4)
20		states, "Within thirty (30) days after the Effective Date of this
21		Agreement, BellSouth shall provide to MCIm the SAG data, or its
22		equivalent, in electronic form. All changes to the SAG shall be made
23		available to MCIm on the same day as the change to the data is made."
24		Section 2.3.2.5 of Attachment VIII (Exhibit JDH-5) states "At MCIm's
25		option, BellSouth will provide MCIm the capability to validate addresses

1	-	by access to belisouth's Regional Street Address Guide (RSAG) via
2		dial-up or LAN to WAN access. Implementation time frames will be
3		negotiated between the parties."
4		
5		In his testimony, Mr. Stacy describes how an ALEC may access the
6		Street Address Guide and the information available there via LENS
7		and/or EC Lite.
8		
9		
10	Issue	No. 3
11		HAS BELLSOUTH PROVIDED MCIMETRO WITH THE DUE DATE
12		CALCULATION FOR A SERVICE ORDER REQUEST FROM A
13		CUSTOMER IN COMPLIANCE WITH THE TELECOMMUNICATIONS
14		ACT OF 1996 AND THE PARTIES' INTERCONNECTION
15		AGREEMENT? IF NO, WHAT ACTION, IF ANY, SHOULD THE
16		COMMISSION TAKE?
17		
18	Q.	IS THE ABILITY TO CALCULATE DUE DATES ON SERVICE
19		ORDERS ADDRESSED IN THE AGREEMENT?
20		
21	A.	Yes. Attachment VIII, Section 2.2.4.3, Service Order Process
22		Requirements, Desired Due Date (Exhibit JDH-6) says, "BellSouth shall
23		supply MCIm with due date intervals to be used by MCIm personnel to
24		determine service installation dates."
25		

1	.*	Mr. Stacy explains the current procedures available to MCIm to obtain
2		due dates for their end user orders.
3		
4		
5	issue	No. 4
6		HAS BELLSOUTH PROVIDED MCIMETRO WITH ACCESS TO
7		TELEPHONE NUMBERS AND TELEPHONE NUMBER
8		INFORMATION IN COMPLIANCE WITH THE
9		TELECOMMUNICATIONS ACT OF 1996 AND THE PARTIES'
0		INTERCONNECTION AGREEMENT? IF NO, WHAT ACTION, IF AN
11		SHOULD THE COMMISSION TAKE?
2		
13	Q.	WHAT PROVISIONS DOES THE AGREEMENT MAKE IN REGARD
14		TO MCIMETRO'S ACCESS TO TELEPHONE NUMBERS AND
15		TELEPHONE NUMBER INFORMATION?
16		
17	A.	In Part A, Section 13.5 (Exhibit JDH-7) BellSouth agrees to "provide
8		nondiscriminatory access to telephone numbers for as long as
9		BellSouth remains the code administrator of the North American
20		Numbering Plan." An entire Subsection, 2.1.8 Number
21		Administration/Number Reservations in Attachment VIII, is responsive
22		to this issue. I have attached this section to my testimony as Exhibit
23		JDH-8.
24		
5		

1	;	MCIm has the ability to reserve their own telephone numbers today and
2		Mr. Stacy's testimony refers to those procedures.
3		
4		
5	Issue	No. 5
6		HAS BELLSOUTH PROVIDED MCIMETRO WITH ACCESS TO
7		UNIVERSAL SERVICE ORDER CODES (USOCs) IN COMPLIANCE
8		WITH THE TELECOMMUNICATIONS ACT OF 1996 AND THE
9		PARTIES' INTERCONNECTION AGREEMENT? IF NO, WHAT
10		ACTION, IF ANY, SHOULD THE COMMISSION TAKE?
11		
12	Q.	WERE UNIVERSAL SERVICE ORDER CODES (USOCs)
13		ADDRESSED IN THE AGREEMENT?
14		
15	A.	No. Universal (or Uniform) Service Order Codes (USOCs) are not
16		discussed in the Interconnection Agreement reached between the
17		parties. Mr. Stacy elaborates on the various ways MCIm and other
18		ALECs can locate USOCs.
19		
20		
21	Issue	No. 6
22		HAS BELLSOUTH PROVIDED MCIMETRO WITH CUSTOMER
23		SERVICE RECORD (CSR) INFORMATION IN COMPLIANCE WITH
24		THE TELECOMMUNICATIONS ACT OF 1996 AND THE PARTIES'
25		

1	Ī	INTERCONNECTION AGREEMENT? IF NO, WHAT ACTION, IF ANY,
2		SHOULD THE COMMISSION TAKE?
3		
4	Q.	DOES THE AGREEMENT ADDRESS INFORMATION ON
5		CUSTOMER SERVICE RECORDS (CSRs)?
6		
7	A.	Yes, for resold services. Section 2.3.2.3.1.2 of Attachment VIII
8		(Exhibit JDH-9) states "BellSouth shall provide MCIm with CSR
9		information, which may include CPNI, for preordering and ordering
0		purposes, to the extent that BellSouth provides such information to
1		other carriers, and upon the same terms and conditions that BellSouth
2		uses for providing the same information to other carriers." The
3		agreement also describes the subscriber profile information as listed
4		name, billing and service addresses, billed telephone number(s), and
5		identification of features and services on the subscriber's account(s).
6		
7		Mr. Stacy describes how MCIm obtains customer service record
8		information.
9		
20		
21	Issue	No. 7
22		HAS BELLSOUTH PROVIDED MCIMETRO WITH SERVICE
23		JEODARDY NOTIFICATION IN COMPLIANCE WITH THE
<u>2</u> 4		TELECOMMUNICATIONS ACT OF 1996 AND THE PARTIES'
5		

1	-	INTERCONNECTION AGREEMENT? IF NO, WHAT ACTION, IF ANY,
2		SHOULD THE COMMISSION TAKE?
3		
4	Q.	IS BELLSOUTH REQUIRED TO NOTIFY MCIMETRO OF SERVICE
5		ORDERS IN JEOPARDY?
6		
7	A.	Yes. Attachment VIII, Section 2.2.9.1 (Exhibit JDH-10) states that
8		"BellSouth shall provide to MCIm notification of any jeopardy situations
9		prior to the Committed Due Date, missed appointments and any other
10		delay or problem in completing work specified on MCIm's service order
11		as detailed on the FOC."
12		
13		The methods for notifying MCIm of jeopardy situations, missed
14		appointments, and other service order problems are addressed by Mr.
15		Stacy.
16		
17		
18	issue	No. 8
19		HAS BELLSOUTH PROVIDED MCIMETRO WITH FIRM ORDER
20		CONFIRMATION (FOCs) IN COMPLIANCE WITH THE
21		TELECOMMUNICATIONS ACT OF 1996 AND THE PARTIES'
22		INTERCONNECTION AGREEMENT? IF NO, WHAT ACTION, IF ANY,
23		SHOULD THE COMMISSION TAKE?
24		
25		

1	Q.	WHAT DOES THE AGREEMENT STATE RELATIVE TO FIRM
2		ORDER CONFIRMATIONS (FOCs)?
3		
4	A.	Attachment VIII, Section 2.2.6 (Exhibit JDH-11) requires "BellSouth
5		provide to MCIm, via an electronic interface, a Firm Order Confirmation
6		(FOC) for each MCIm order provided electronically." Additionally,
7		Performance Measurement targets for Firm Order Confirmation for
8		manual orders (within 24 hours = 99%) and electronic orders (within 4
9		hours = 99%) are provided for in Section 2.5.3.1 (Exhibit JDH-12).
10		
11		Mr. Milner details how BellSouth provides FOCs to MCIm in his
12		testimony.
13		
14		
15	Issue	No. 9
16		HAS BELLSOUTH PROVIDED MCIMETRO WITH NETWORK
17		BLOCKAGE MEASUREMENT INFORMATION IN COMPLIANCE
18		WITH THE TELECOMMUNICATIONS ACT OF 1996 AND THE
19		PARTIES' INTERCONNECTION AGREEMENT? IF NO, WHAT
20		ACTION, IF ANY, SHOULD THE COMMISSION TAKE?
21		
22	Q.	IS BELLSOUTH REQUIRED TO PROVIDE MCIMETRO WITH
23		NETWORK BLOCKAGE MEASUREMENT INFORMATION PER THE
24		AGREEMENT?
25		

1	A: Tes. Attachment IV, Section 4.2.1(Exhibit JDH-13) states, "A blockii	ng
2	standard of one percent (.01) during the average busy hour, as define	ed
3	by each party's standards, for final trunk groups between a MCIm en	d
4	office and a BellSouth access tandem carrying meet point traffic shall	I
5	be maintained. All other final trunk groups are to be engineered with	а
6	blocking standard of one percent (.01). Direct end office trunk group	s
7	are to be engineered with a blocking standard of one percent (.01).	
8	The blocking standard of one half of one percent (.005) will be used	on
9	trunk groups carrying interlata traffic."	
10		
11	Additionally, Section 4.2.2 states "For trunks carrying MCIm interlata	
12	traffic, MCIm may request BellSouth to report trunk group service	
13	performance and blocking standards to the industry."	
14		
15	Mr. Stacy addresses MCIm's request for network blockage	
16	measurement information.	
17		
18		
19	Issue No. 10	
20	HAS BELLSOUTH PROVIDED MCIMETRO WITH LOCAL TANDEM	Í
21	INTERCONNECTION INFORMATION IN COMPLIANCE WITH THE	
22	TELECOMMUNICATIONS ACT OF 1996 AND THE PARTIES'	
23	INTERCONNECTION AGREEMENT? IF NO, WHAT ACTION, IF A	ΝY
24	SHOULD THE COMMISSION TAKE?	
25		

1	Q:	DOES THE AGREEMENT BETWEEN BELLSOUTH AND MCIMETRO
2		ADDRESS LOCAL TANDEM INTERCONNECTION INFORMATION?
3		
4	A.	Not specifically. The agreement describes the "Interconnection Point"
5		or "IP" as the physical point that establishes technical interface, test
6		point and operational responsibility hand-off between MCIm and
7		BellSouth. It further states that "MCIm shall designate at least one IP
8		in the LATA in which MCIm originates local traffic and interconnects
9		with BellSouth. Upon MCIm's request for additional points of
10		interconnection, BellSouth will interconnect with MCIm at any
11		Technically Feasible point on BellSouth's network of MCIm's choosing
12		using the same technical configuration or using other arrangements,
13		including but not limited to mutually agreed upon mid-span fiber meets,
14		entrance facilities, telco closets, and physical or virtual collocation."
15		
16		Mr. Milner clarifies MCIm's request regarding local tandem
17		interconnection and explains how they would access that information.
18		
19		
20	Issue	No. 11
21		HAS BELLSOUTH PROVIDED MCIMETRO WITH RECORDED
22		USAGE DATA IN COMPLIANCE WITH THE
23		TELECOMMUNICATIONS ACT OF 1996 AND THE PARTIES'
24		INTERCONNECTION AGREEMENT? IF NO, WHAT ACTION, IF ANY,
25		SHOULD THE COMMISSION TAKE?

1	\mathbf{Q}_{i_0}	WHAT PROVISIONS DOES THE AGREEMENT MAKE IN
2		REFERENCE TO FLAT-RATE USAGE DATA?
3		
4	A.	None. In Attachment VIII, Section 4, Provision of Subscriber Usage
5		Data (Exhibit JDH-14), the agreement states "BellSouth shall comply
6		with BellSouth EMR industry standards in delivering customer usage
7		data to MCIm" (4.1.1.1), and "BellSouth shall provide MCIm with
8		unrated EMR records associated with all billable intraLATA toll and
9		local usage which they record on lines purchased by MCIm for resale"
10		(4.2.1.1).
11		
12	Q.	WHAT ARE EMR STANDARDS?
13		
14	A.	EMR stands for Exchange Message Records. These records are used
15		by telecommunications companies throughout the United States to
16		exchange billing information for meet point billing arrangements, calling
17		card and toll calls and, in this case, to provide details for billable usage
18		events associated with services offered to ALECs for resale and
19		unbundled network elements. The detail specifications (or standards)
20		which govern how the EMR records are formatted, transmitted and
21		controlled are set be the Alliance for Telecommunications Industry
22		Solutions (ATIS) organization. ATIS has membership from across the

industry including BellSouth and MCI.

1	Q.	HAS BELLSOUTH PROVIDED MCIMETRO WITH RECORDED
2		USAGE DATA IN COMPLIANCE WITH THE PARTIES'
2		INTERCONNECTION AGREEMENT?

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Α.

Yes. BellSouth has provided all billable messages which they record on MCIm's customer lines via the Optional Daily Usage File (ODUF) as required. This file has been transmitted daily to MCIm since August, 1997 and currently includes around 6,100 usage records per month in Florida . In Docket No. 971140-TP, the Commission required BellSouth to "provide MCIm with switched access usage data necessary for MCIm to bill IXCs when MCIm provides service using unbundled local switching purchased from BellSouth either on a standalone basis or in combination with other unbundled network elements." BellSouth provides access usage records via the Access Daily Usage File (ADUF). Currently ADUF includes records for interstate originating and terminating access calls. Recently, BellSouth agreed to provide records for intrastate toll calls in the same manner as it does for interstate calls. The new capability to provide intrastate toll records will be implemented in two phases. Usage records for intrastate calls (whether interLATA or intraLATA) carried by interexchange carriers (IXC's) will be provided no later than June 15, 1998. Since BellSouth does not bill terminating access for toll calls it carries, switch measurements for toll calls terminating to unbundled ports are not produced. BellSouth continues to develop the implementation schedule for providing records for these calls on ADUF.

1	Issue	No. 12
2		HAS BELLSOUTH PROVIDED MCIMETRO WITH ACCESS TO
3		DIRECTORY LISTINGS INFORMATION IN COMPLIANCE WITH THE
4		TELECOMMUNICATIONS ACT OF 1996 AND THE PARTIES'
5		INTERCONNECTION AGREEMENT? IF NO, WHAT ACTION, IF ANY
6		SHOULD THE COMMISSION TAKE?
7		
8	Q.	WHAT ACCESS TO DIRECTORY LISTING INFORMATION IS
9		BELLSOUTH REQUIRED TO PROVIDE TO MCIMETRO?
0		
11	A.	BellSouth is required by the Interconnection Agreement, Attachment
2		VIII, Section 6.1.6.1 (Exhibit JDH-15), to "provide to MCIm, to the
13		extent authorized, the residential, business, and government subscribe
4		records used by BellSouth to create and maintain its Directory
15		Assistance Data Base, in a non-discriminatory manner."
6		
17	Q.	DOES THE AGREEMENT SPECIFICALLY ADDRESS DIRECTORY
81		ASSISTANCE LISTINGS FOR INDEPENDENT TELEPHONE
19		COMPANIES?
20		
21	A.	Yes. In Attachment VIII, Section 6.1.6.2, "Upon request, BellSouth
22		shall provide an initial load of subscriber recordsfor ILECS, CLECs
23		and independent Telcos included in their Directory Assistance
24		Database, to the extent authorized. Also, Attachment VIII, Section
25		6.2.2.2 adds that BellSouth shall provide MCIm several lists including a

1	:	"List of Independent Company names and their associated NPA-NXXs
2		for which their listing data is a part of BellSouth's directory database,
3		but BellSouth is not to provide the listing data to MCIm under this
4		request."
5		
6	Q.	HAS BELLSOUTH MADE ANY ADDITIONAL EFFORTS TO PROVIDE
7		TO MCIMETRO ANY INDEPENDENT TELEPHONE COMPANY
8		LISTINGS WHICH APPEAR IN BELLSOUTH'S DIRECTORY
9		DATABASE?
10		
11	A.	Yes. In Florida, BellSouth has secured permission from the
12		Independent Companies for which BellSouth performs directory
13		assistance services to share this information with ALECs.
14		
15		
16	Issue	No. 13
17		HAS BELLSOUTH PROVIDED MCIMETRO WITH SOFT DIAL TONE
18		SERVICE IN COMPLIANCE WITH THE TELECOMMUNICATIONS
19		ACT OF 1996 AND THE PARTIES' INTERCONNECTION
20		AGREEMENT? IF NO, WHAT ACTION, IF ANY, SHOULD THE
21		COMMISSION TAKE?
22		
23	Q.	IS SOFT DIAL TONE SERVICE ADDRESSED IN THE AGREEMENT?
24		
25		

1	A،	Yes. In Attachment III under Technical Requirements for Local
2		Switching , Section 7.2.1.11 (Exhibit JDH-16) states "Where BellSout
3		provides the following special services, it shall provide to MCIm:
4		7.2.1.11.4 Soft dial tone where required by law. Where
5		BellSouth provides soft dial tone, it shall do so on a
6		competitively-neutral basis."
7		
8		Mr. Milner discusses soft dial tone service in his testimony.
9		
10	Q.	DOES THIS CONCLUDE YOUR TESTIMONY?
1		
12	A.	Yes.
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		

BellSouth Telecommunications, Inc. FPSC Docket No. 980281 Exhibit JDH-1_____ June 1, 1998 Page 1

PART A GENERAL TERMS AND CONDITIONS

Section 13. Continuing Obligations

- 13.3 BellSouth agrees that it will provide to MCIm on a nondiscriminatory basis unbundled Network Elements and ancillary services as set forth in this Agreement and the operations support systems as set forth in this Agreement. BellSouth further agrees that these services, or their functional components, will contain all the same features, functions and capabilities and be provided at a level of quality at least equal to the level which it provides to itself or its Affiliates.
- 13.8 BellSouth agrees that order entry, provisioning, installation, trouble resolution, maintenance, billing, and service quality with respect to Local Resale will be provided at least as expeditiously as BellSouth provides for itself or for its own retail local service or to others, or to its Affiliates, and that it will provide such services to MCIm in a competitively neutral fashion.

BUSINESS PROCESS REQUIREMENTS

- 2.3 Systems Interfaces and Information Exchanges
 - 2.3.1 General Requirements
 - 2.3.1.3 BellSouth and MCIm shall agree on and implement interim solutions for each interface within thirty (30) days after the Effective Date of this Agreement, unless otherwise specified in Exhibit A of this Attachment. The interim interface(s) shall, at a minimum, provide MCIm the same functionality and level of service as is currently provided by the electronic interfaces used by BellSouth for its own systems, users, or subscribers.

BUSINESS PROCESS REQUIREMENTS

SECTION 5. MAINTENANCE

5.1 GENERAL REQUIREMENTS

- 5.1.1.1 During the term of this Agreement, BellSouth shall provide necessary maintenance business process support as well as those technical and systems interfaces required to enable MCIm to provide at least the same level and quality of service for all services for resale, functions, features, capabilities and unbundled elements or combinations of elements as BellSouth provides itself, its subscribers any of its Affiliated or subsidiaries or any other entity. BellSouth shall provide MCIm with the same level of maintenance support as BellSouth provides itself in accordance with standards and performance measurements that are at least equal to the highest level of standards and/or performance measurements that BellSouth uses and/or which are required by law, regulatory agency, or by BellSouth's own internal procedures, whichever are the most rigorous. These standards shall apply to the quality of the technology, equipment, facilities, processes, and techniques (including, but not limited to, such new architecture, equipment, facilities, and interfaces as BellSouth may deploy) that BellSouth provides to MCIm under this Agreement.
- 5.1.1.2 Until an Electronic Interface is available, BellSouth shall provide access numbers to the state specific TRC (Trouble Reporting Center) based on class of service for MCIm to report via telephone maintenance issues and trouble reports twenty-four (24) hours a day and seven (7) days a week.

BellSouth Telecommunications, Inc. FPSC Docket No. 980281 Exhibit JDH-4____ June 1, 1998 Page 1

ATTACHMENT VIII

BUSINESS PROCESS REQUIREMENTS

- 2.1 GENERAL BUSINESS REQUIREMENTS
- 2.1.3 Street Address Guide (SAG)
 - 2.1.3.1 Within thirty (30) days after the Effective Date of this Agreement, BellSouth shall provide to MCIm the SAG data, or its equivalent, in electronic form. All changes to the SAG shall be made available to MCIm on the same day as the change to the data is made.

BellSouth Telecommunications, Inc. FPSC Docket No. 980281 Exhibit JDH-5 June 1, 1998 Page 1

ATTACHMENT VIII

BUSINESS PROCESS REQUIREMENTS

- 2.3 Systems Interfaces and Information Exchanges
 - 2.3.2 Ordering and Provisioning for Resale Services
 - 2.3.2.5 At MCIm's option, BellSouth will provide MCIm the capability to validate addresses by access to BellSouth's Regional Street Address Guide (RSAG) via dial-up or LAN to WAN access. Implementation time frames will be negotiated between the parties.

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BUSINESS PROCESS REQUIREMENTS

- 2.2 Service Order Process Requirements
 - 2.2.4 Desired Due Date (DDD)
 - 2.2.4.3 BellSouth shall supply MCIm with due date intervals to be used by MCIm personnel to determine service installation dates.

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PART A GENERAL TERMS AND CONDITIONS

Section 13. Continuing Obligations

13.5 BellSouth Agrees that it will provide nondiscriminatory access to telephone numbers for as long as BellSouth remains the code administrator for the North American Numbering Plan.

BUSINESS PROCESS REQUIREMENTS

Section 2. Ordering and Provisioning

- 2.1.8 Number Administration/Number Reservations
 - 2.1.8.1 Until Number Administration functions are assumed by a neutral third party in accordance with FCC Rules and Regulations, BellSouth shall assign NXXs to MCIm on a non-discriminatory basis in accordance with national guidelines. BellSouth shall provide the same range of number choices allowing the assignment of numbers while the subscriber is on the phone to MCIm, including choice of exchange number, as BellSouth provides its own subscribers. Reservation and aging of numbers shall remain BellSouth's responsibility.
 - 2.1.8.2 Where MCIm has not obtained its own NXX, BellSouth shall reserve up to 100 telephone numbers, per MCIm request, per NPA-NXX (where available), for large business subscribers in the same manner as for BellSouth's own large business subscribers. BellSouth shall provide additional numbers at MCIm's request as subscriber demand requires. Telephone numbers reserved in this manner may be released for other than MCIm use only in the same manner that BellSouth would release numbers reserved for its own subscribers.
 - 2.1.8.3 Where MCIm has obtained its own NXX, but has purchased BellSouth services for resale or Network Elements, BellSouth agrees to install the MCIm NXX in BellSouth's switch according to the local calling area defined by BellSouth and perform appropriate number administration functions. Where MCIm provides its own switching and obtains its own NXX code, BellSouth agrees to install the routing in its switches according to the local calling area defined by MCI.
 - 2.1.8.4 BellSouth shall accept MCIm orders with assigned vanity numbers and blocks of numbers assigned for use with complex services including, but not limited to, DID, MULTISERV, and Hunting arrangements. Vanity numbers and numbers for use with complex services, DID and Hunting arrangements will be assigned by the LCSC on a case-by-case basis to meet the needs for specific service order activity.

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2.1.8.5 Until the Electronic Interface exists for simple services number reservations, BellSouth shall use its best efforts to provide confirmation of a number reservation within twenty-four (24) hours of receiving a completed MCIm's request. For reservations associated with complex services see 2.1.8.4.

BUSINESS PROCESS REQUIREMENTS

- 2.3 Systems Interfaces and Information Exchanges
 - 2.3.2 Ordering and Provisioning for Resale Services
 - 2.3.2.3.1.2 BellSouth shall provide MCIm with CSR information, which may include CPNI, for preordering and ordering purposes, to the extent that BellSouth provides such information to other carriers, and upon the same terms and conditions that BellSouth uses for providing the same information to other carriers.

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BUSINESS PROCESS REQUIREMENTS

- 2.2 Service Order Process Requirements
 - 2.2.9 Jeopardy Situations
 - 2.2.9.1 BellSouth shall provide to MCIm notification of any jeopardy situations prior to the Committed Due Date, missed appointments and any other delay or problem in completing work specified on MCIm's service order as detailed on the FOC.

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ATTACHMENT VIII

BUSINESS PROCESS REQUIREMENTS

- 2.2 Service Order Process Requirements
 - 2.2.6 Firm Order Confirmation (FOC)
 - 2.2.6.1 BellSouth shall provide to MCIm, via an electronic interface, a Firm Order Confirmation (FOC) for each MCIm order provided electronically.

BUSINESS PROCESS REQUIREMENTS

SECTION 2. ORDERING AND PROVISIONING

- 2.5 Performance Measurements and Reporting
 - 2.5.3 Provisioning Performance Standards
 - 2.5.3.1 Installation functions performed by BellSouth will meet the following performance standards:

Firm Order Confirmation within: Manual - within 24 hours 99% of the time Electronic - within 4 hours 99% of the time

Attachment IV

INTERCONNECTION

Section 4. Network Servicing

- 4.2 Grade Of Service:
 - 4.2.1 A blocking standard of one percent (.01) during the average busy hour, as defined by each party's standards, for final trunk groups between a MCIm end office and a BellSouth access tandem carrying meet point traffic shall be maintained. All other final trunk groups are to be engineered with a blocking standard of one percent (.01). Direct end office trunk groups are to be engineered with a blocking standard of one percent (.01). The blocking standard of one half of one percent (.005) will be used on trunk groups carrying interlata traffic.
 - 4.2.2 For trunks carrying MCIm interlata traffic, MCIm may request BellSouth to report trunk group service performance and blocking standards to the industry.

BUSINESS PROCESS REQUIREMENTS

Section 4. Provision Of Subscriber Usage Data

4.1 Procedures

- 4.1.1 General
 - 4.1.1.1 BellSouth shall comply with BellSouth EMR industry standards in delivering customer usage data to MCIm.

4.2 Information Exchange and Interfaces

- 4.2.1 Core Billing Information
 - 4.2.1.1 Recorded Usage Data all intraLATA toll and local usage. BellSouth shall provide MCIm with unrated EMR records associated with all billable intraLATA toll and local usage which they record on lines purchased by MCIm for resale.

BUSINESS PROCESS REQUIREMENTS

Section 6. Miscellaneous Services & Functions

- 6.1 General Requirements
 - 6.1.6 Directory Assistance Data
 - 6.1.6.1 BellSouth shall provide to MCIm, to the extent authorized, the residential, business, and government subscriber records used by BellSouth to create and maintain its Directory Assistance Data Base, in a non-discriminatory manner. MCIm may combine this element with any other Network Element for the provision of any Telecommunications Service.
 - 6.1.6.2 Upon request, BellSouth shall provide an initial load of subscriber records via electronic data transfer for ILECS, CLECs and independent Telcos included in their Directory Assistance Database, to the extent authorized.
- 6.2 Systems Interfaces and Exchanges
 - 6.2.2 Directory Assistance Data Information Exchanges and Interfaces
 - 6.2.2.2 This section addresses data format requirements and data inclusion requirements for directory assistance data information exchange between BellSouth and MCIm. BellSouth shall provide MCIm the following:
 - 6.2.2.2.5 List of Independent Company names and their associated NPA-NXXs for which their listing data is a part of BellSouth's directory database, but BellSouth is not to provide the listing data to MCIm under this request.

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Attachment III

NETWORK ELEMENTS

Section 7. Local Switching

- 7.2. Technical Requirements
 - 7.2.1.11 Where BellSouth provides the following special services, it shall provide to MCIm:
 - 7.2.1.11.4 Soft dial tone where required by law. Where BellSouth provides soft dial tone, it shall do so on a competitively-neutral basis.