BEFORE THE PUBLIC UTILITIES COMMISSION OF OHIO

In the Matter of the Petition of Communication Options, Inc. for Arbitration of Interconnection Rates, Terms and Conditions and Related Arrangements with United Telephone Company of Ohio dba Embarq Pursuant to Section 252(b) of The Telecommunications Act of 1996

Case No. 08-45-TP-ARB

ARBITRATION PACKAGE OF UNITED TELEPHONE COMPANY OF OHIO DBA EMBARO

United Telephone Company of Ohio dba Embarq submits its arbitration package consisting of the direct testimony of Ted Hart, Mike Maples, and Christy Londerholm. Ms. Londerholm's testimony includes both a public and confidential version. Embarq's order of witnesses will be: Mr. Maples, Mr. Hart, and Ms. Londerholm.

1

Respectfully submitted,

Joseph R. Stewart (Ohio Reg. No. 0028763) Trial Attorney for Embarq 50 West Broad Street, Suite 3600 Columbus, OH 43215 Telephone: 614-220-8625 FAX: 614-224-3902 joseph.r.stewart@embarq.com

CERTIFICATE OF SERVICE

I certify that a true copy of Embarq's Arbitration Package was hand-delivered, sent via e-mail, or served via first class mail, postage prepaid, this 24th day of June 2008 to the persons listed below.

oseph R. Stewart

Sally W. Bloomfield Thomas J. O'Brien Bricker & Eckler, LLP 100 South Third Street Columbus, OH 43215 <u>sbloomfield@bricker.com</u> tobrien@bricker.com

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Case No. 08-45-TP-ARB

DIRECT TESTIMONY OF

JAMES M. MAPLES

ON BEHALF OF UNITED TELEPHONE COMPANY OF OHIO

1 SECTION I—INTRODUCTION

2

3

Q. Please state your name, title and business address.

A. My name is James M. "Mike" Maples. I am employed as Regulatory Manager for
Embarq Management Company, which provides management services to United
Telephone Company of Ohio d/b/a Embarq ("Embarq"). My business address is 5454
W. 110th Street, Overland Park, KS 66211.

8

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Q. Please summarize your educational and professional background.

I have over 39 years of experience in the telecommunications industry ranging from 10 A. the actual installation and maintenance of telecommunications networks, demand 11 forecasting, financial modeling, costing, regulatory reporting, retail and wholesale 12 product development, contract negotiations, process re-engineering, systems 13 development, and public policy formation. My career began in 1968 when I was 14 employed by Sprint/United Telephone Company of Texas as an installer/repairman of 15 residential, simple and complex business systems and later as a central office 16 switchman. During that same period I earned a Bachelor of Science degree from East 17 Texas State University, Commerce, Texas, with majors in mathematics and industrial 18 technology. After graduating in December 1973, I entered the company's 19 Management Training program and upon completion was promoted to the position of 20 21 Revenue Requirement Analyst in 1974.

22

1	For the next seventeen (17) years, I held positions of increasing responsibilities in
2	state, regional and corporate Sprint organizations. During that period, I prepared or
3	was responsible for jurisdictional separation studies, revenue budgets, demand
4	forecasts, access charge rates, and financial reporting to various regulatory agencies.
5	
6	From 1991 through 1995, as Manager Cost Allocations at Sprint/United Management
7	Corporation, I developed financial models for alternative regulation, participated in a
8	two year project to develop a system-wide product costing model, developed and
9	trained personnel on revenue budget models, and standardized systems for separations
10	costing through system design, development, testing and implementation.
11	
12	In 1995, I accepted the position of Manager-Pricing/Costing Strategy and for 17
13	months coordinated several system-wide teams that were charged with the
14	identification and development of methods, procedures, and system changes required
15	to implement local competitive services. During that period, I coordinated the
16	technical support needed to establish and maintain relationships with competitive local
17	exchange carriers ("CLECs").
18	
19	From September 1996 through July 1999 I held the position of manager of
20	Competitive Markets – Local Access with the responsibility for pricing unbundled
21	network elements, supporting negotiations with new competitive carriers, and assisting
22	in implementation issues.
23	

	1	I began my current position in August 1999. My responsibilities include the review of
	2	legislation, court rulings and Federal Communications Commission ("FCC") and state
<u>:</u>	3	Commission orders affecting telecommunications policy, interpreting the impact to the
2	4	corporation, developing policy positions, communicating them throughout the
5	5	organization, and representing them before regulatory bodies such as the Public
6	5	Utilities Commission of Ohio.
7	,	
8	Q.	Are you an attorney?
9 10 11 12 13 14 15 16 17 18	А. Q. А.	I am not an attorney and my review and interpretation of federal and state statutes, rules, orders, and other applicable rulings is from the perspective of an informed member of the public and an industry veteran, for the formulation of policy. Have you testified before any regulatory commissions? Yes. I have testified before the Ohio, Missouri, Florida, Nevada, Pennsylvania, Minnesota, and California regulatory commissions regarding a variety of issues including number portability, intercarrier compensation, network unbundling, and network interconnection.
19	Q.	What is the purpose of your Direct Testimony?
20	А.	The purpose of my Direct Testimony is to support Embarq's positions on issues 1, 8,
21	·	9, 10, 11, and 12.
22		

Q.

Please summarize your Direct Testimony.

My Direct Testimony will show that the terms and conditions proposed by 2 A. Communications Options, Inc. ("COI") with respect to line conditioning are 3 4 inconsistent with current federal regulations and a long history of orders where the FCC has consistently determined that Incumbent Local Exchange Carriers ("ILECs") 5 such as Embarq can charge CLECs for conditioning copper loops. DS1 loops can be 6 7 provisioned on copper loops and conditioning may or may not be required depending upon the specific circumstances such as the length of the loop and gauge of the copper 8 cable. It is also unnecessary to remove all bridge taps from a copper loop in order for 9 10 services such as xDSL ("Digital Subscriber Line") to be provisioned over that loop. 11

My testimony will also show that when a CLEC orders Loop Make-up Information the
 CLEC is buying access to an unbundled network element for which Embarq can
 charge TELRIC pricing.

And finally, the Commission has already determined that CLECs are limited to ten (10) DS1 dedicated circuits for a single transport route between Embarq wire centers. The terms and conditions proposed by COI increasing the limit to twenty (20) is in direct contradiction with this Commission's prior finding as well as the plain reading of the relevant federal regulation. The Commission should reject the terms and conditions proposed by COI and adopt those put forth by Embarq.

22

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	1	<u>SECTION II – UNRESOLVED ISSUE DISCUSSION</u>
	2	
3	3]	Issue 1: Definitions
4	ļ	
5		Embarq Issue 1 Presented: What is the appropriate definition of a DS1 Loop?
6		
7		Embarg Proposed Definition
8		1.42 "DS1 Loop" is a digital Local Loop having a total digital signal speed of 1.544
9		megabytes per second. DS1 Loops include, but are not limited to, two-wire and
10		four-wire Copper Loops capable of providing high-bit rate digital subscriber line
11		services, including T1 services.
12		
13		COI Proposed Definition
14		1.42 "DS1 Loop" is a digital Local Loop having a total digital signal speed of 1.544
15		megabytes per second. DS1 Loops include, but are not limited to, two-wire and
16		four-wire Copper Loops capable of, because of included line conditioning,
17		providing high-bit rate digital subscriber line services, including T1 services
18		
19	Q.	What is the disagreement between the Parties?
20	А.	The two definitions are identical with the exception of the double underlined phrase
21		added by COI, "because of included line conditioning". The phrase is unnecessary,
22		and COI's definition is inconsistent with the one adopted by the FCC.
23		

1	Q.	Why is the phrase unnecessary?
2	А.	The primary issue is whether Embarq can charge COI for any line conditioning that it
3		must perform in order to provision a DS1 unbundled loop. COI is seeking to
4		indirectly address that issue by adding the phrase "because of included line
5		conditioning" in the definition of DS1 loop. Whether conditioning charges apply to a
6		DS1 loop is explicitly addressed in Issues 9 and 15, and there is no need to replicate it
7		multiple times in the terms and conditions of the agreement.
8		
9	Q.	What is the definition of a DS1 loop adopted by the FCC?
10	А.	The FCC definition is:
11		
12		A DS1 loop is a digital local loop having a total digital signal speed of 1.544
13		megabytes per second. DS1 loops include, but are not limited to, two-wire and
14		four-wire copper loops capable of providing high-bit rate digital subscriber line
15		services, including T1 services. ¹
16		
17		The definition proposed by Embarq is identical to the FCC's definition. The
18		Commission should reject the additional phrase proposed by COI as superfluous.
19		
20	Q.	Do all DS1 loops have to be conditioned?
21	А.	No. Please see my response to Issue 9 where I address the applicability of
22		conditioning charges to DS1 loops.

¹ Title 47 Code of Federal Regulations §51.319(a)(4).

Docket No. 08-45 -TP-ARB Direct Testimony of James M. Maples Filed: June 24, 2008

2 Issue 8: Loops

<u>Embarq Issue 8 Presented</u>: What terms and conditions should govern the availability of DS1 loops?

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Embarg Proposed Language

8 45.6.1 Subject to the cap in Section 45.6.2, Embarg will provide CLEC 9 nondiscriminatory access to a DS1 Loop on an unbundled basis to any 10 building not served by a Wire Center with at least 60,000 Business Lines and at least four Fiber-based Collocators. Once a Wire Center exceeds both of 11 12 these thresholds, no future DS1 loop unbundling will be required in that wire 13 center. DS1 loops include, but are not limited to, two-wire and four-wire 14 Copper Loops capable of providing high-bit rate digital subscriber line 15 services, including T1 services. The Wire Centers that meet these requirements as of the date of this Agreement are listed on Exhibit A. 16

17

18

COI Proposed Language

1945.6.1Subject to the cap in Section 45.6.2, Embarq will provide CLEC20nondiscriminatory access to a DS1 Loop on an unbundled basis to any21building not served by a Wire Center with at least 60,000 Business Lines and22at least four Fiber-based Collocators. Once a Wire Center exceeds both of23these thresholds, no future DS1 loop unbundling will be required in that wire

1		center. DS1 loops include, but are not limited to, two-wire and four-wire
2		Copper Loops capable of, because of included line conditioning, providing
3		high-bit rate digital subscriber line services, including T1 services. The Wire
4		Centers that meet these requirements as of the date of this Agreement are
5		listed on Exhibit A.
6		
7	Q.	What is the difference in the terms and conditions proposed by the Parties?
8	А.	COI has once again added the phrase "because of included line conditioning" in an
9		attempt to indirectly address the conditioning issue. Both sets of terms and conditions
10		contain the second sentence in the definition of a DS1 loop adopted by the FCC,
11		namely, "DS1 loops include, but are not limited to, two-wire and four-wire Copper
12		Loops capable of providing high-bit rate digital subscriber line services, including T1
13		services." COI has attempted to embed the phrase within the FCC definition.
14		
15	Q.	What is your recommendation with respect to this issue?
16	А.	The Commission should reject the change proposed by COI as unnecessary for the
17		same reasons as outlined in my discussion of Issue 1 above. The partial definition of
18		DS1 loop is unnecessary to Section 45.6.1, and Embarq would not be opposed to
19		striking the entire sentence.
20		
21	<u>Issue</u>	9: Loop Make Up Information
22		
23		Embarg Issue 9 Presented: Can Embarq charge for conditioning a DS1 loop?

2		Embarq Proposed Language
3		48.6.3 If Embarq undertakes Conditioning activity for a particular loop to provide for
4		the successful installation of advanced services, CLEC will pay applicable
5		conditioning charges as set forth in Table One pursuant to Section 54.3 of this
6		Agreement.
7		
8		COI Proposed Language
9		48.6.3 Other than for DS 1 loops, if Embarq undertakes Conditioning activity for a
10		particular loop to provide for the successful installation of advanced services,
11		CLEC will pay applicable conditioning charges as set forth in Table One
12		pursuant to Section 54.3 of this Agreement.
13		
13 14	Q.	What is the dispute between the Parties?
	Q. A.	What is the dispute between the Parties? COI seeks to deny Embarq the ability to charge for line conditioning when Embarq
14		
14 15		COI seeks to deny Embarq the ability to charge for line conditioning when Embarq
14 15 16		COI seeks to deny Embarq the ability to charge for line conditioning when Embarq provisions a DS1 loop for COI. It does so by adding the phrase " <u>Other than for DS1</u>
14 15 16 17		COI seeks to deny Embarq the ability to charge for line conditioning when Embarq provisions a DS1 loop for COI. It does so by adding the phrase " <u>Other than for DS1</u>
14 15 16 17 18	A.	COI seeks to deny Embarq the ability to charge for line conditioning when Embarq provisions a DS1 loop for COI. It does so by adding the phrase " <u>Other than for DS1</u> <u>loops</u> " to the terms originally proposed by Embarq. Embarq disagrees.
14 15 16 17 18 19	А. Q.	COI seeks to deny Embarq the ability to charge for line conditioning when Embarq provisions a DS1 loop for COI. It does so by adding the phrase " <u>Other than for DS1</u> <u>loops</u> " to the terms originally proposed by Embarq. Embarq disagrees. What is line conditioning?
14 15 16 17 18 19 20	А. Q.	COI seeks to deny Embarq the ability to charge for line conditioning when Embarq provisions a DS1 loop for COI. It does so by adding the phrase " <u>Other than for DS1</u> <u>loops</u> " to the terms originally proposed by Embarq. Embarq disagrees. What is line conditioning? The FCC adopted the following definition of line conditioning:
14 15 16 17 18 19 20 21	А. Q.	COI seeks to deny Embarq the ability to charge for line conditioning when Embarq provisions a DS1 loop for COI. It does so by adding the phrase " <u>Other than for DS1</u> <u>loops</u> " to the terms originally proposed by Embarq. Embarq disagrees. What is line conditioning? The FCC adopted the following definition of line conditioning: Line conditioning is defined as the removal from a copper loop or copper

1		including digital subscriber line service. Such devices include, but are not
2		limited to, bridge taps, load coils, low pass filters, and range extenders. ²
3		
4		Line conditioning is an activity that is undertaken by Embarq to modify or adjust the
5		physical attributes of a copper loop so that the loop can be used to provide advanced
6		services such as xDSL.
7		
8	Q.	What is a bridge tap?
9	А.	A copper loop or line may appear in several locations, similar to branches on a tree.
10		Some of these "branches" may be located between the originating and terminating
11		points of a circuit (wire center and end user subscriber's premises). These branches
12		can affect the ability of the loop to be used for certain services, such as xDSL, and
13		where such branches are unused and adversely affect the service they must be
14		disconnected from the circuit.
15		
16	Q.	What are load coils, low pass filters, and range extenders?
17	А.	A load coil is a device that is added to long loops to compensate for electrical loss and
18		to enable voice service. A low pass filter is used to restrict the frequency range of a
19		loop. A range extender boosts the power on very long loops to compensate for the
20		electrical loss. Each of these devices can interfere with digital circuits such as xDSL,
21		and therefore must be removed prior to installing xDSL on a loop.
22		

² Title 47 Code of Federal Regulations §51.319(a)(1)(A).

1 Q. Is line conditioning limited to copper loops?

- A. Yes.
- 3

2

4 Q. Did the FCC state that Incumbent Local Exchange Carriers ("ILECs") such as
5 Embarq could charge for line conditioning?
6 A. Yes. The FCC first determined that ILECs could charge CLECs for line conditioning
7 in the very first Local Competition Order. Specifically, the FCC stated:
8 (with emphasis added):

9

10 Our definition of loops will in some instances require the incumbent LEC to take affirmative steps to condition existing loop facilities to enable requesting 11 12 carriers to provide services not currently provided over such facilities. For example, if a competitor seeks to provide a digital loop functionality, such as 13 ADSL, and the loop is not currently conditioned to carry digital signals, but it 14 15 is technically feasible to condition the facility, the incumbent LEC must condition the loop to permit the transmission of digital signals. Thus, we reject 16 BellSouth's position that requesting carriers "take the LEC networks as they 17 find them" with respect to unbundled network elements. As discussed above, 18 some modification of incumbent LEC facilities, such as loop conditioning, is 19 encompassed within the duty imposed by section 251(c)(3). The requesting 20

1		carrier would, however, bear the cost of compensating the incumbent
2		LEC for such conditioning. ³
3		
4		The FCC reaffirmed its decision in 1999 in its Third Report and Order and once again
5		in the Triennial Review Order in 2003. The current FCC regulations regarding
6		conditioning state:
7		
8		Incumbent LECs shall recover the costs of line conditioning from the
9		requesting telecommunications carrier in accordance with the Commission's
10		forward-looking pricing principles promulgated pursuant to section 252(d)(1)
11		of the Act and in compliance with rules governing nonrecurring costs in Sec.
12		51.507(e). ⁴
13		
14	Q.	Are DS1 loops provisioned on copper loops?
15	А.	Some DS1 loops are provisioned on copper loops. The definition of DS1 loop
16		adopted by the FCC, as discussed above, acknowledges this fact by including the
17		sentence, "DS1 Loops include, but are not limited to, two-wire and four-wire Copper
18		Loops capable of providing high-bit rate digital subscriber line services, including T1
19		services."
20		

⁴ Title 47 Code of Federal Regulations §51.319(a)(1)(B).

³ See In the Matter of Implementation of the Local Competition Provisions in the Telecommunications Act of 1996 and Interconnection between Local Exchange carriers and Commercial Mobile Radio Service Providers, CC Docket No. 96-98 and CC Docket No. 95-185, First Report and Order, Released August 8, 1996, "Local Competition First Report and Order", ¶382.

1	Q.	Do all DS1 loops have to be conditioned?
2	А.	Absolutely not. If the loop is short, with limited bridge taps, and does not have any
3		devices such as load coils connected to it, it is possible to provision a DS1 loop using
4		High Speed Digital Subscriber Line ("HDSL") technology. In addition, the presence
5		of fiber for a segment of a loop as in the case of hybrid loops extends the reach and
6		can impact the need for conditioning. The need for conditioning varies depending
7		upon the specific circumstances of the DS1 loop that is ordered.
8		
9	Issue	10: Dedicated Transport
10		
11		Embarg Issue 10 Presented: What is the maximum number of DS1 dedicated
12	·	transport circuits that a CLEC can lease on a single route?
13		
14		Embarq Proposed Language
15		50.2.2 CLEC may obtain a maximum of ten unbundled DS1 dedicated transport
16		circuits on each route where DS1 dedicated transport is available on an
17		unbundled basis.
18		
19		COI Proposed Language
20		50.2.2 CLEC may obtain a maximum of ten twenty (20) unbundled DS1 dedicated
21	÷	transport circuits on each route where DS1 dedicated transport is available on
22		an unbundled basis.
23		

1	Q.	What is the issue in dispute?
2	А.	Embarq and COI disagree over how many DS1 dedicated transport circuits that COI
3		may obtain for a single route. The terms originally proposed by Embarq accurately
4		reflect the limit of 10 DS1 circuits that is included in the FCC regulations. As shown
5		above, however, COI has arbitrarily changed the limit to 20.
6		
7	Q.	What is the relevant FCC regulation?
8	А.	The FCC adopted the following regulation in the Triennial Review Remand Order:
9		
10		Cap on unbundled DS1 transport circuits. A requesting telecommunications
11		carrier may obtain a maximum of ten unbundled DS1 dedicated transport
12		circuits on each route where DS1 dedicated transport is available on an
13		unbundled basis. ⁵
14		
15		The regulation is not ambiguous and clearly states that the limit or the "cap" is a
16		"maximum" of ten unbundled DS1 dedicated transport circuits. The terms proposed
17		by Embarq mirror the FCC regulation.
18		
19	Q.	What is a route?
20	А.	The FCC has defined a route as:
21		

⁵ Title 47 Code of Federal Regulations §51.319(e)(2)(ii)(B).

	A ``route" is a transmission path between one of an incumbent LEC's wire
	centers or switches and another of the incumbent LEC's wire centers or
	switches. A route between two points (e.g., wire center or switch ``A" and
	wire center or switch ``Z") may pass through one or more intermediate wire
	centers or switches (e.g., wire center or switch `X"). Transmission paths
	between identical end points (e.g., wire center or switch ``A" and wire center
	or switch ``Z") are the same ``route," irrespective of whether they pass through
	the same intermediate wire centers or switches, if any. ⁶
	A route is simply a circuit between two Embarq wire centers. It is defined by the
	originating and terminating points of the circuit.
Q.	Has the Ohio Commission previously addressed this issue?
А.	Yes. The Ohio Commission addressed this issue in an arbitration proceeding between
	SBC Ohio and several CLECs in case number 05-887-TP-UNC.
Q.	What did the Commission decide?
Q. A.	What did the Commission decide? The Commission agreed that the FCC regulation limited the number of DS1 dedicated
_	
_	The Commission agreed that the FCC regulation limited the number of DS1 dedicated
_	The Commission agreed that the FCC regulation limited the number of DS1 dedicated circuits on a single route to ten:
	_

⁶ Title 47 Code of Federal Regulations §51.319(e).

1		provide DS1 transport circuits as an unbundled element, the FCC
2		limits the competitive LECs' availability to DS1 transport circuits to
3		ten circuits. ⁷
4		
5	Q.	Should the Commission modify the current FCC rule?
6	А.	I do not recommend it. The FCC discussed the role of the states in the Triennial
7		Review Order ¶¶191-196 and declared that if a state modified the federal regime in
8		such a way that it conflicted with the federal regime, the aggrieved party could petition
9		the FCC for a declaratory ruling (¶195). BellSouth took this approach when several
10		state commissions ordered it to provide stand alone DSL service over the same loops
11		that CLECs used to provide voice services and the FCC overturned the state
12		decisions. ⁸
13		
14		
15	Issue	11: Modifications to Embarg's Existing Network
16		
17		Embarg Issue 11 Presented: What is the definition of a conditioned loop?
18		Embarq Proposed Language
19		54.3.1 Conditioned loops are loops from which excessive bridge taps, load coils, low-
20		pass filters, range extenders, and similar devices have been removed to enable

⁷ PUCO Case Number 05-887-TP-UNC, Arbitration Award (November 19, 2005) at 55.

⁸ See In the Matter of BellSouth Telecommunications, Inc. Request for Declaratory Ruling that State Commissions May Not Regulate Broadband Internet Access Services by Requiring BellSouth to Provide Wholesale or Retail Broadband Services to Competitive LEC UNE Voice Customers, WC Docket No. 03-251, Memorandum Opinion and Order and Notice of Inquiry, released March 25, 2005.

the delivery of high-speed switched wireline telecommunications capability,
 including DSL. Embarq will condition loops at CLEC's request and will
 assess charges for loop conditioning in accordance with the prices listed in
 Table One. Embarq recommends that CLEC utilize the Loop Make-Up
 process in Section 48 prior to submitting orders for loops intended for
 advanced services.

7 COI Proposed Language

54.3.1 Conditioned loops are loops from which excessive bridge taps, load coils, low-8 9 pass filters, range extenders, and similar devices have been removed to enable the delivery of high-speed switched wireline telecommunications capability, 10 11 including DSL. Embarq will condition loops at CLEC's request and will 12 assess charges for loop conditioning in accordance with the prices listed in 13 Table One. Embarq recommends that CLEC utilize the Loop Make-Up 14 process in Section 48 prior to submitting orders for loops intended for 15 advanced services.

16 Q. What is the disagreement between Embarq and COI?

A. The definition offered by Embarq recognizes that some advanced services can be
 provisioned over loops with some bridge taps and therefore includes the modifier
 "excessive" before the word bridge taps in the first sentence. COI has struck through
 the word "excessive" essentially mandating that Embarq remove each and every
 bridge tap when it conditions a loop. This amount of conditioning is simply not
 necessary.

23

2

Q.

Why do you say that the removal of all bridge taps is not necessary for some services?

There are many standards documents related to specific services such as xDSL that 3 A. discuss the amount of bridge tap that may be present on a loop based on the total 4 length, gauge of the loop, and other factors. For example, the current version of the 5 6 Telecordia Notes on the Network discusses various methods for designing outside 7 plant facilities and whether bridge taps can be present when services such as xDSL are provisioned on those facilities. The document states that some bridge tap is 8 9 acceptable. Another example is the current ANSI ("American National Standards 10 Institute") standard on ADSL Metallic Interfaces (T1.PP.413-2004). The document 11 states that bridge taps are acceptable in all but a few unusual circumstances.

12

13 Q. Are these standards relevant with respect to DS1 loops?

- A. Yes. Furthermore, the language of the Interconnection Agreement ("ICA") which is
 in dispute is not limited to DS1 loops.
- 16

17 Q. Is this position consistent with how Embarq conditions its own circuits?

A. Yes, Embarq understands its obligations to provide CLECs the same level of service
 that Embarq provides itself, and does so. Embarq will provide the CLEC the
 appropriate level of conditioning. In fact, CLECs are able to request the necessary
 level of conditioning as part of the loop pre-qualification process (see Issue 12).
 Providing more conditioning than is needed benefits neither party. Embarq's

1		technicians would be performing unnecessary work functions, and COI would be
2		billed for that work.
3		
4	Q.	Has the FCC adopted a definition of a conditioned loop?
5	А.	No. The FCC has not adopted a formal definition of a conditioned loop; however, the
6		definition of line conditioning can be used as a good proxy.
7		
8		Line conditioning is defined as the removal from a copper loop or copper
9		subloop of any device that could diminish the capability of the loop or subloop
10		to deliver high-speed switched wireline telecommunications capability,
11	÷	including digital subscriber line service. Such devices include, but are not
12	•	limited to, bridge taps, load coils, low pass filters, and range extenders. ⁹
13		
14		A conditioned loop is therefore a copper loop that has had devices removed from it so
15		that the copper loop can be used to deliver high-speed switched wireline
16		telecommunications.
17		
18	Q.	Does the FCC state that every device must be removed?
19	А.	No. I've reviewed several FCC orders and have not found any reference mandating
20		that every device be removed. In supporting its decision to order ILECs to unbundle
21		mass market loops the FCC stated:
22		

⁹ Title 47 Code of Federal Regulations §51.319(a)(1)(A).

Docket No. 08-45 -TP-ARB Direct Testimony of James M. Maples Filed: June 24, 2008

1	Because these loops are already deployed, they are available
2	immediately for providing narrowband services (i.e., voice, fax,
3	dial-up Internet access) and available after performing any
4	necessary line conditioning for providing broadband service. ¹⁰
5	(Emphasis added.)
6	
7	It should be obvious that it is unnecessary to remove all bridge taps for every service
8	based on the evidence regarding industry standards and therefore it would be
9	unnecessary for the FCC to specifically address the question. The amount of
10	conditioning should vary based on the service to be delivered over the loop and the
11	characteristics of the loop itself.
12	
13	Issue 12: Modifications to Embarq's Existing Network
14	
15	Embarq Issue 12 Presented: Can ILECs charge CLECs for Loop Make-Up
16	information?
17	
18	Embarg Proposed Language
19	The terms proposed by COI, as shown below, do not appear within Embarq's standard
20	ICA and they should be rejected.

¹⁰ See In the Matter of Review of the Section 251 Unbundling Obligations of Incumbent Local Exchange Carriers Implementation of the Local Competition Provisions of the Telecommunications Act of 1996 Deployment of Wireline Services Offering Advanced Telecommunications Capability, CC Docket No. 01-338, CC Docket No. 96-98, CC Docket No. 98-147, Report and Order and Order on Remand and Further Notice of Proposed Rulemaking, Released August 23, 2003, "Triennial Review Order", ¶238.

1 2 COI Proposed Language 54.3.2 If CLEC orders Loop Make-Up Information for DS1 loops prior to placing an 3 order and conditioning is necessary to implement, loop conditioning charges 4 will not apply. This waiver is exclusively on DS1 loops. 5 6 Q. What is the issue? COI has proposed terms and conditions that would force Embarq to provide Loop 7 A. Make-Up information upon request, at no charge. COI has limited its proposal to DS1 8 loops; however, there is no obligation in the Act or federal regulations that require 9 10 ILECs such as Embarq to provide services free of charge. 11 12 0. What is Loop Make-Up Information? Loop Make-Up information consists of technical details on a specific loop that can be 13 A. used to determine what services can be provided over the loop. Examples of this 14 information include: "(1) the composition of the loop material, including, but not 15 limited to, fiber optics, copper; (2) the existence, location and type of any electronic or 16 17 other equipment on the loop, including but not limited to, digital loop carrier or other remote concentration devices, feeder/distribution interfaces, bridge taps, load coils, 18 pair-gain devices, disturbers in the same or adjacent binder groups; (3) the loop length, 19 including the length and location of each type of transmission media; (4) the wire 20 gauge(s) of the loop; and (5) the electrical parameters of the loop, which may 21

1		determine the suitability of the loop for various technologies." ¹¹ Loop make-up
. 2		information is provided as part of the pre-ordering function and is a subset of the
3		Operations and Support Systems ("OSS") unbundled network element, which is
4		described in the interconnection agreement as follows:
5		
6		Operations support systems. An incumbent LEC shall provide a requesting
7		telecommunications carrier with nondiscriminatory access to operations
8		support systems on an unbundled basis, in accordance with section 251(c)(3)
9		of the Act and this part. Operations support system functions consist of pre-
10		ordering, ordering, provisioning, maintenance and repair, and billing functions
11	· · · .	supported by an incumbent LEC's databases and information. An incumbent
12		LEC, as part of its duty to provide access to the pre-ordering function,
13		shall provide the requesting telecommunications carrier with
14		nondiscriminatory access to the same detailed information about the loop
15		that is available to the incumbent LEC. ¹² (Emphasis added.)
16		
17	Q.	So, Loop Make-Up Information is an unbundled network element?
18	А.	Yes.
19		

¹² Title 47 Code of Federal Regulations §51.319(g).

¹¹ See In the Matter of Implementation of the Local Competition Provisions of the Telecommunications Act of 1996, CC Docket No. 96-98, Third Report and Order and Fourth Further Notice of Proposed Rulemaking, Released November 5, 1999, "UNE Remand", ¶427.

1	Q.	Has the FCC established a pricing standard for unbundled network elements?
2	А.	Yes. Section 252(d) of the Telecom Act establishes the pricing standards for
3		interconnection and access to network elements, which the FCC has defined as Total
4		Element Long Run Incremental Costing ("TELRIC") and codified the methodology in
5		Subpart F of Part 51.
6		
7	Q.	Has the FCC ordered ILECs to provide access to unbundled network elements
8		without charge?
9	А.	No, and it would be inappropriate to do so.
10		
11		
12	<u>SEC</u>	TION III: CONCLUSION
13		
14	Q.	Please summarize your Direct Testimony?
15	A.	My direct testimony has shown that Embarq has taken a reasoned approach in dealing
16		with COI and that the terms and conditions proposed by Embarq fully comply with
17		Embarq's obligations under the Act and federal regulations. The Commission should
18		reject the terms and conditions proposed by COI and accept those proposed by
19		Embarq.
20		
21	Q.	Does this conclude your Direct Testimony?
22	A.	Yes.
23		

BEFORE THE PUBLIC UTILITIES COMMISSION OF OHIO

In the Matter of the Petition of Communications Options, Inc. for Arbitration of Interconnection Rates, Terms and Conditions and Related Arrangements with United Telephone Company of Ohio dba Embarq Pursuant to Section 252(b) of The Telecommunications Act of 1996.

Case No. 08-45-TP-ARB

DIRECT TESTIMONY OF

EDWARD "TED" C. HART

ON BEHALF OF

UNITED TELEPHONE COMPANY OF OHIO,

D/B/A

EMBARQ

June 24, 2008

1		DIRECT TESTIMONY
2		OF
3 4		EDWARD "TED" C. HART
5	I.	INTRODUCTION AND QUALIFICATIONS
6	Q.	Please state your name, place of employment, and business address.
7	Å.	My name is Edward "Ted" C. Hart. I am employed by Embarq Management
8		Company, which provides management services to United Telephone Company
9		of Ohio, dba Embarq ("Embarq"). I am employed in the Wholesale Markets
10		Division, as a Business Strategy Manager. My business address is 9300 Metcalf
11		Avenue, Overland Park, Kansas 66212.
12	Q.	Generally describe your present responsibilities.
13	A.	I work with various interests in the Wholesale Markets division of Embarq
14		providing input and expertise for intercarrier contract offerings, wholesale
15		business sales and interconnection agreement issues, as well as researching and
16		analyzing increased revenue and expense savings opportunities. I also work with
17		our network subject matter experts analyzing network traffic flows and specific
18		interconnection traffic issues.
19	Q.	What is your work experience?
20	A.	I practiced with a public accounting firm for seven and a half years after college
21		specializing in audit and accounting issues for closely-held companies.

23 contractor and with Mobile Radio Communications, Inc., a regional Commercial

Subsequent to that, I held senior financial positions with a medium-sized general

22

1 Mobile Radio Services ("CMRS") paging telecommunications provider. In my position with Mobile Radio, I spent a good deal of time with the broad scope of 2 issues that were created by the Telecommunications Act of 1996 ("Telecom 3 Act"). Those issues included intercarrier compensation issues, such as reciprocal 4 5 compensation, proportionate use of facilities, and rights and obligations created by the Telecom Act. I managed several million dollars in annual purchasing of 6 carrier services. I developed and instituted programs that significantly lowered 7 8 costs related to interconnected networks, connectivity, and wholesale services 9 which also led to large increases in company profitability. I initiated and led 10 negotiations with local and long-distance carriers for interconnection agreements and participated in FCC auctions of wireless spectrum, among a host of other 11 12 financial duties.

13 I joined Sprint Wholesale Markets in November 2000 as a Senior Manager 14 charged with negotiation of interconnection agreements with wireless carriers. Since that time I have negotiated interconnection agreements with Competitive 15 16 Local Exchange Carriers ("CLECs") and have managed intercarrier compensation disputes between Sprint's Local Telephone Division (now dba Embarq) and its 17 18 CLEC and Wireless vendors and customers. In connection with those disputes I 19 have also become familiar with the special considerations that affect bankrupt 20 telecommunications carriers and have managed the execution of numerous 21 settlement agreements between Embarq affiliates and their wholesale 22 interconnected customers.

23

Q. What is your educational background?

1 A. I graduated from the University of Missouri at Kansas City in 1986 with a Bachelor of Science in Accounting and passed the C. P. A. exam in 1989. To 2 3 retain the C.P.A. license, I am required to complete approximately 40 hours of continuing education each year. During the course of the past 20 years I have 4 accumulated an estimated 1,100 hours of continuing education on a diverse mix 5 of professional topics, including auditing, taxation, consulting, marketing, 6 7 business law, telecommunications matters, financial valuation. quality management, and ethics courses. In addition, I have taught courses providing 8 training for and building proficiency with specific software applications and other 9 10 computer-related technology.

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- 12

Q. Have you submitted testimony before an administrative agency?

A. Yes. I have testified in arbitrations and participated in mediations before Public
Utility Commissions in Florida, Texas, Ohio, and North Carolina. I have also
provided expert witness testimony in front of the Missouri Tax Commission.

16 II. PURPOSE AND SUMMARY

17 Q. What is the purpose of your testimony today?

A. The purpose of my testimony is to provide support for Embarq's positions
 regarding issue 2, payment and service suspension intervals, and issue number 7
 regarding security deposits required of CLECs and other interconnected carriers.

1 III. GENERAL TERMS AND CONDITIONS

Issue 2. What is the appropriate number of days for COI to review its bill and
submit payments for services under the agreement and what amount of time should
elapse before Embarq enforces certain collection procedures and limits COI's access
into Embarq's systems.

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- 7 8

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Q.

What is the language that Embarq is proposing for payment terms under the contract and why is that period of time appropriate?

10 A. Section 7.2.3 of Embarq's proposed language states: "If an undisputed invoice is not paid within 45 days after the bill date, Embarq may suspend processing new 11 orders and cancel any pending orders." COI would like the interval to be 60 days. 12 Section 7.2.4 states: "If the account remains delinquent sixty (60) days after the 13 14 bill date, Embarq will terminate all services under this agreement." COI would like that 60 day interval to be 90 days. A couple of points to note are that the 15 payments are due for "undisputed" amounts. That's not an accidental contract 16 construction. If a customer has reason to dispute the bill and submits a valid 17 18 dispute, Embarq suspends the collection processes and essentially extends the payment interval on the disputed amounts while the disputes are investigated. 19 The undisputed portions remain due under the terms of the agreement. It's 20 21 important to understand that the provision of telephone and other 22 telecommunications services happens continuously, so each passing day that a subscriber has the service causes the provider's and the subscriber's costs to 23 accrue. Wholesale telecommunications services are not like a storeroom of 24 unused raw materials waiting to enter the manufacturing process for conversion 25

1 into finished goods. After time passes, the value of the service provided over that 2 period of time also expires and cannot be recovered. Also, continuing action is 3 not required on the customer's part to incur more charges, i.e. customers do not 4 have to reorder a new shipment of services, rather the services being provided and 5 the associated charges happen with the passage of time without regard to whether 6 the services are being used or not. Unused telecommunications services that the 7 customer decides he did not need in April cannot be sold back for scrap or residual value in May. For these reasons it does not make sense to extend the 8 9 time periods for payment of the services. Extending the payment terms allows the 10 charges to continue to accrue while the customer does nothing, and in fact it could 11 serve to weaken what may already be a weak balance sheet on the part of the 12 entity ordering service. While the customer does nothing, more services that have 13 been provided, but not paid for, continue to accrue with increasing credit risk to 14 the wholesale provider.

15 Q. COI states in its petition that the length of time it takes to receive Embarq's bills 16 is unreasonable. What is your response to this statement?

A. Embarq operates under tariffs that dictate that bills will be *mailed* on or before the
same date of each month.¹ An internal benchmark used by our billing groups
makes this date within 7 days of the invoice date. Although the provision of
service under the interconnection agreement is not governed directly by tariffs
with respect to all services rendered, Embarq has defined its wholesale billing
processes to also meet the requirements of the tariff. Compact Disks ("CDs") and

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¹ PUCO General Exchange Tariff No. 5, IV Charges for Service - A. The Telephone Company will endeavor to mail its bills for telephone service on or before the same date each month. (Section 1, fifth revised sheet 4)

paper invoices are mailed within 7 days of the invoice date, as COI has elected to 1 receive CDs as the primary billing media method and paper as a secondary media 2 method. Embarq data indicates that for the sixteen invoices sent to COI from the 3 January 1, 2008 bill cycle through the May 7, 2008 bill cycle, the average time of 4 5 *delivery* of the CD from the bill cycle date to the delivery date was 7.6 days. Restated, COI personnel signed for the *delivery* of the CDs an average of 7.6 days 6 from the invoice date. Fourteen (87.5%) of the 16 CDs were delivered in 9 days 7 or fewer, and 12 (75%) of the 16 CDs were delivered in 7 days or fewer. One of 8 the invoice CDs that took 15 days for delivery after the invoice date, the one that 9 10 took the longest, was actually a resent rendition of the January 3rd bill cycle.

11 Q. Is there a more rapid invoice delivery system available to COI?

Yes there is. COI could also choose to receive its bills via Embarq's electronic 12 13 billing method whereby customers elect to receive industry standard format via secured File Transport Protocol ("FTPS"). This method results in the delivery of 14 15 industry standard data to the customer within 4 days after the invoice date. COI began a conversion process designed to initiate receipt of its bills electronically 16 within the past few months but then abruptly abandoned that effort and requested 17 18 a return to the CD and paper formats it had been receiving. This electronic billing 19 method provides industry standard data available for customer download the night of the third day after the billing date so that the morning of the fourth day after the 20 invoice date, the customer has its data. Although Embarq's invoicing intervals 21 22 and methods are reasonable and follow industry standards, COI has elected not to 23 receive its invoices in the most time efficient manner.

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Q. How do you answer COI's charges of unreasonable billing practices and how should that information affect the proposed terms for payment or service suspension intervals?

6 A. Some grounding in the facts relating to telecommunications billing is in order. $\mathbf{7}$ Bills are sent monthly to recover the charges for the services, some of which, 8 perhaps many of which, were originally established several months to several 9 years earlier. Unless something changes in the services being provided each 10 month, each successive month's invoice should not look much different than the prior month's. In fact the monthly recurring charges should look exactly like the 11 previous month's monthly recurring charges The additional point to note here is 12 13. that it should not be a surprise to COI or any customer that if one is contracting 14 for and consuming intangible services that are so closely attached to the passage 15 of time, that an invoice will be forthcoming. In fact, Embarq's Ohio Tariff No. 5 16 states that even non-receipt of an invoice does not provide adequate exemption for failing to make timely payments.² The point here is that if one is receiving the 17 18 service, one should also expect to receive an invoice as well as understand that the 19 receipt of the service implies that the charges will continue to accrue. Although 20 prudence suggests all bills should be reviewed for accuracy and reasonableness of 21 the rates and quantities, the principal parts of the vendor's invoices that would 22 warrant heightened scrutiny, additional study and verification would be those 23 parts that have changed from the immediately preceding months. Services being

² PUCO General Exchange Tariff No. 5, IV Charges for Service - G. Failure to receive a bill will not exempt a subscriber from prompt payment of any sum or sums due the Company. (Section 1, seventh revised sheet 5)

added to the bill and services being canceled off the bill are where a wholesale
 customer would need to focus for validating the bill on a monthly and continuing
 basis.

4 In numerous cases COI alleges that Embard's billing practices are deficient simply 5 because COI does not desire to pay for services for which Embarg has a right to 6 charge. An example is the DS1 conditioning charge that is clearly included in 7 COI's now expired contract and for which Embarq is rightfully entitled to bill and 8 collect. COI opens up disputes on charges that appear on its invoices - charges that Embarq has informed COI that will be applied for the conditioning service 9 10 provided - and then COI claims that Embarg's attempt to properly bill and collect 11 is an unfair billing practice. In this instance, Embarg is acting in good faith to 12 provide service to COI which it has ordered, yet COI consistently abuses the 13 billing dispute process.

14

15 Q. How does the speed by which COI receives its invoices and the alternative 16 methods it has for receiving the information affect the payment interval and 17 service suspension issues?

COI indicates on page 7 and 8 of its petition that it just does not have time to properly process its invoices because of deficiencies in Embarq's processes. COI refers to a 14-day payment interval on page 7 of its petition yet simultaneously ignores the fact that the contract language under negotiation and now arbitration calls for 30-day payment terms from the date of invoice. As Embarq demonstrates above concerning the invoicing intervals (i.e., the length of time it takes COI to receive its invoices), COI misrepresents the true interval by a factor

1		of approximately 2 times – but that misrepresentation is only part of the story.
2		The rest of the story is found in COI's payment history. Embarq reviewed the
3		payment history demonstrated by invoicing submitted to COI over the past 24
4		months. That review showed the following:
5		• 63% of all COI invoices have been paid more than 35 days after the
6		invoice date.
7		• 20% of all invoices have been paid greater than 31 days but not more than
8		35 days after the invoice date.
9		• 17% of all invoices have been paid within 30 days or less.
10		• 65 invoices out of 337 (19%) were paid 50 days or more after the invoice
11		date.
12		In summary, COI paid less than one in 5 invoices by the due date, and it paid
13		approximately one in five invoices more than 20 days late. Many times within the
14		past two years COI has made payments between 55 and 59 days after the invoice
15		date to just barely avoid losing access to Embarq's service ordering system, IRES.
16		
17	Q.	How do the payment terms affect the ordering and provisioning of current or
18		new service orders?
19	A.	Embarq utilizes a wholesale ordering and provisioning service called IRES.
20		Orders are entered by wholesale customers into the IRES system where the orders
21		are then fulfilled and provisioned through Embarq's service centers. Embarq's
22		proposed language and intervals found in sections 7.2.3 and 7.2.4 of the
23		interconnection agreement seek to limit the financial exposure that Embarq would
24		otherwise have to the interconnected carrier if longer payment and collection

1 terms were in place. By suspending access to the ordering systems, Embarq can begin to make arrangements for an orderly suspension of the services the 2 customer has ordered on its accounts should that need arise. An orderly transition 3 4 of service from one carrier to another is a reasonable accommodation when a 5 carrier is believed to be going out of business. A carrier that does not pay its bills can reasonably be assumed to be going out of business. As noted above, in the 6 7 telecom business the debts continue to accrue when the customer does not act to 8 limit his own liability. Rapid collections procedures and suspension of services 9 are required so that Embarq may mitigate losses caused by a delinquent 10 interconnected carrier. Embarq also notes that its tariff (which only applies to 11 services provided under the tariff) provides a useful analogy here and requires 12 payments to be received within 20 days from invoice date

Q. Why has Embarq proposed shorter payment and IRES suspension intervals in the language under arbitration compared to the language that was in the Parties' expired interconnection agreement?

As I spell out in my testimony below regarding security deposits, Embarq is 16 A. 17 trying to match reasonably calculated potential financial exposure to the amounts 18 it might expect to have on deposit. Blocking the customer's access to IRES if the customer is 45 days past due, which is down from 60 days past due in the Parties' 19 20 expired interconnection agreement, merely attempts to match Embarq's financial exposure to operational realities. Just because Embarq may begin to attempt to 21 22 collect undisputed amounts on day 45 or day 50 does not mean that collection 23 automatically happens or that cash is realized on those days. Collecting a past 24 due amount from a CLEC may require several days to perhaps weeks of placing

phone calls and asking for the required payments before the required payments
 are made.

3 4	Issue	7. Is it reasonable for Embarq to require a security deposit from COI for services and interconnection to be provided under this agreement?
5 6	Q.	Embarq is seeking language that would support a security deposit from COI.
7		Can you tell us what facts would support imposition of a security deposit
8		from COI?
9	Α.	Embarq began including security deposit language in its agreements with CLEC
10		customers in 2002 while it was operating as the Local Telephone Division of
11		Sprint. Embarq attempts to collect security deposits from interconnected carriers
12		because of the numerous and well publicized financial problems plaguing the
13		competitive local exchange carrier (CLEC) market over the past approximately
14		eight years, and also because of losses it has sustained in CLEC bankruptcies.
15		Before 2001 CLECs were able to secure funding from the public capital markets
16		much more easily than after 2001, when the financial markets dropped
17		significantly. Embarq's experience also indicates that it is often the largest or one
18		of the largest unsecured creditors in bankruptcy cases filed by CLECs operating in
19		Embarq territory. COI itself filed bankruptcy in 2000 and left behind unsecured
20		amounts totaling \$685,000 owed to Embarq's predecessor and former parent,
21		Sprint. Although a portion of this was paid out over a 5 year plan, the remaining
22		un-recaptured loss totaled \$616,500. As one of COI's largest vendors, Embarq
23		ought not also be asked to be COI's financing and funding mechanism. By
24		allowing COI to establish open lines of trade payables that often stretch 50 or
25		more days after the invoice date, the scenario would be set for Embarq to be

- largely funding COI's business plan. Embarq asks the Commission to allow it to protect its financial interests with a reasonable security deposit.
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Q. Is it reasonable to ask COI to post a security deposit based upon two months' worth of receivables?

6 A. As demonstrated above, COI's payment history lags the terms called for in its current interconnection agreement as well as the terms proposed for the new 7 8 interconnection agreement. Embarq currently bills COI approximately \$400,000 9 per month. In the normal course of business an additional \$400,000 would be 10 billed by day 30 or 31, and an additional \$400,000 by day 61. Given COI's 11 propensity for late-paying undisputed amounts, oftentimes stretching past the day 12 50 invoice aging mark, COI creates a situation where it could be 10 days or less 13 from owing Embarq for three months' worth of billings. If the interconnection 14 agreement continues to use day 90 after the initial invoice date as the deadline 15 before Embarq can disconnect service for non-payment, that will leave Embarq as little as 2 days away from being owed for 4 months of billing by COI, which is 16 17 twice the security deposit Embarq is seeking in this arbitration. Given these facts, 18 a security deposit equal to 2 months' invoicing is reasonable, provided that 19 Embarq is able to use its proposed payment and service suspension intervals.

- 20
- 21 Q. Is it reasonable to hold the security deposit even in the face of a demonstrated
 22 history of prompt payment?
- A. Yes, for the following reasons. As noted above, the intent of the security deposit
 in this case is to provide the unsecured creditor, usually one of the largest

- 1		unsecured creditors, with some basis for collecting on the investment devoted to
2		enabling the CLEC's business. The Telecom Act imposes special obligations on
3		the Incumbent Local Exchange Carrier ("ILEC") regarding interconnection. But
4		the Act should not be read to also require the ILEC to operate as the CLEC's
5		financial supermarket.
6 7	Q.	Is it reasonable for Embarq to hold the security deposit and not pay interest on it?
8	A.	Yes. Again, the security deposit is held so that Embarq's financial exposure to
9		COI is limited. Embarq does not seek to step into the shoes of COI's financing
10		sources, and for this reason it only seeks the deposit amount reasonably required
11		to limit its exposure. Further, if COI wants to earn interest on any amount that
12		would be used for a security deposit, it could provide a non-cash security deposit
13		in the form of an irrevocable letter of credit. This scenario would allow COI to
14		keep and manage its cash and earn a market rate of interest on its cash at its own
15		financial institution.
16	Q.	Please summarize your testimony.
17	A.	Embarq is attempting to reach agreement with COI on contract language that best
18		matches the financial and operational characteristics that define the companies'
19		relationship. Terms for payment, service ordering and suspension, and the
20		amounts of a security deposit to be held by Embarq need to closely match the
21		expected outcomes and provide protections for both parties.
22	Q .	Does this conclude your testimony?
23	A.	Yes.

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Case No(s). 08-0045-TP-ARB

Summary: Testimony of Embarq in COI Arbitration Part 1 electronically filed by Mr. Gary S Baki on behalf of United Telephone Company of Ohio dba Embarq