

AFFIDAVIT

STATE OF MISSOURI

COUNTY OF BOONE

BEFORE ME, the undersigned authority, duly commissioned and qualified in and for the State and County aforesaid, personally came and appeared Eric Fogle, who, being by me first duly sworn deposed and said that:

He is appearing as a witness before the Kentucky Public Service Commission in Case No. 2003-00379, Review of Federal Communications Commission's Triennial Review Order Regarding Unbundling Requirements for Individual Network Elements, and if present before the Commission and duly sworn, his rebuttal testimony would be set forth in the annexed testimony consisting of 24 pages and 3 exhibits.

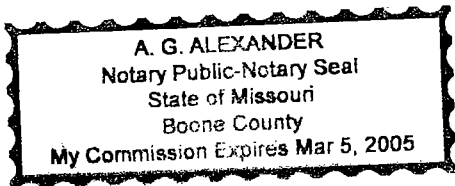


Eric Fogle

SWORN TO AND SUBSCRIBED BEFORE ME
THIS 23 DAY OF MARCH, 2004



Notary Public



1 BELL SOUTH TELECOMMUNICATIONS, INC.
2 REBUTTAL TESTIMONY OF ERIC FOGLE
3 BEFORE THE KENTUCKY PUBLIC SERVICE COMMISSION
4 DOCKET NO. 2003-00379
5 MARCH 31, 2004
6

7 Q. PLEASE STATE YOUR NAME, YOUR POSITION WITH BELL SOUTH
8 TELECOMMUNICATIONS, INC. ("BELL SOUTH") AND YOUR BUSINESS
9 ADDRESS.

10
11 A. My name is Eric Fogle. I am employed by BellSouth Resources, Inc., as a
12 Director in BellSouth's Interconnection Operations Organization. My
13 business address is 675 West Peachtree Street, Atlanta, Georgia 30375.

14
15 Q. PLEASE PROVIDE A BRIEF DESCRIPTION OF YOUR BACKGROUND
16 AND EXPERIENCE.

17
18 A. I attended the University of Missouri in Columbia, where I earned a Master
19 of Science in Electrical Engineering Degree in 1993 and Emory University
20 in Atlanta, where I earned a Master of Business Administration degree in
21 1996. After graduation from Missouri, I began employment with AT&T as
22 a Network Engineer, and joined BellSouth in early 1998 as a Business
23 Development Analyst in the Product Commercialization unit. From July
24 2000, through May 2003, I was responsible for the Wholesale Broadband

1 Marketing group within BellSouth. I assumed my current position in June
2 2003. First, as a Business Analyst, and then as the Director of the
3 Wholesale Broadband Marketing Group, I have been actively involved in
4 the evolution and growth of BellSouth's DSL based services as well as the
5 underlying technology.

6

7 Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY?

8

9 A. The purpose of my testimony is to rebut the direct testimony of Mr. Van de
10 Water and Mr. Bradbury on behalf of AT&T Communications of the
11 Southern States, LLC ("AT&T"), and Ms. Lichtenberg on behalf of MCI
12 WorldCom Communications, Inc. and MCIMetro Access Transmission
13 Services, Inc. ("MCI") by demonstrating that BellSouth has in place a hot
14 cut process for loops that involve Line Sharing and Line Splitting xDSL
15 services during UNE-P to UNE-L migrations. My testimony also
16 demonstrates, contrary to any suggestion of Ms. Lichtenberg, that
17 BellSouth has voluntarily involved the Competitive Local Exchange
18 Company ("CLEC") community in the development of this process,
19 including prioritization of BellSouth work efforts regarding Line Sharing,
20 Line Splitting and various subsequent migration scenarios in which the
21 CLECs are just now becoming interested.

22

23 Q. ALL PARTIES HAVE DIRECTED THIS COMMISSION TO VARIOUS
24 PORTIONS OF THE TRO AND THE RULES IN SUPPORT OF THEIR

1 POSITIONS IN THEIR DIRECT TESTIMONY. WHAT IS THE IMPACT
2 OF THE D.C. CIRCUIT COURT OF APPEALS ORDER ON THE TRO IN
3 THIS PROCEEDING?

4
5 A. Currently the impact of the DC Circuit Court's opinion is unclear. At the
6 time of filing this testimony, the DC Court had vacated large portions of the
7 rules promulgated as a result of the TRO, but stayed the effective date of
8 the opinion for at least sixty days. Therefore my understanding is that the
9 TRO remains intact for now, but its content, and the rules adopted thereto,
10 must be suspect in light of the court's harsh condemnation of large
11 portions of the order. Accordingly, I will reserve judgment, and the right to
12 supplement my testimony as circumstances dictate, with regard to the
13 ultimate impact of the DC Court's order on this case.

14
15 Q. PLEASE DESCRIBE WHAT YOU MEAN BY A UNE-P AND A UNE-L.

16
17 A. A UNE-P is a combined loop and port. For a UNE-P, the loop and port are
18 combined in BellSouth's network. A UNE-P does not require any
19 additional elements, nor does UNE-P require either collocation or
20 additional switching capability in order to provide a functioning service for
21 the end-user. A UNE-L is a standalone UNE Loop, and requires
22 collocation and additional switching capability (both provided by the

1 facilities based CLEC) in order to provide a functioning switched voice
2 service for the end-user.

3

4 Q. WHAT IS LINE SPLITTING?

5

6 A. Line splitting occurs when a voice CLEC provides voice service and a data
7 local exchange company (“DLEC”) provides the xDSL service (in some
8 cases the xDSL and voice services are provided by the same CLEC).
9 This dual provider arrangement is known as Line Splitting. BellSouth
10 facilitates Line Splitting as a service to CLECs and DLECs, to
11 accommodate the sharing of the spectrum between the voice and data
12 services provided by each carrier. As part of this service, BellSouth will
13 provide cross-connects, and, if requested, a frequency splitter (although
14 BellSouth is not obligated to provide the splitter by the TRO). In this role,
15 BellSouth simply acts as a mere facilitator between the CLEC and the
16 DLEC.

17

18 Q. HOW DOES A UNE-P WORK WITH LINE SPLITTING?

19

20 A. When a carrier with an existing UNE-P combination enters into a Line
21 Splitting arrangement with another carrier, the loop that has historically
22 been used to serve the customer is no longer combined with the port,
23 therefore breaking up the UNE-P platform. Instead, central office work is
24 performed to cross-connect the loop to a splitter, which one of the CLECs

1 usually owns. The splitter separates the frequency used to provide the
2 voice service from the frequency used to provide the data services. From
3 there, another collocation cross-connection is used to carry the voice
4 signal to the port on the voice CLEC's switch, while the data signal is
5 carried to the DLEC's network. Thus, the loop and port are no longer
6 combined but, rather, are separated by two collocation cross-connections
7 and a piece of CLEC-provided equipment. Exhibit EF-1 depicts a typical
8 line splitting arrangement. Exhibit EF-2 depicts a typical UNE-P
9 arrangement. As can be clearly seen by comparing the two drawings, the
10 line splitting arrangement bears little resemblance to the UNE-P
11 arrangement, and it is obvious that the UNE loop and port services
12 purchased by the CLECs for the purposes of line splitting are very
13 different from the UNE-P purchased by the CLECs.

14

15 Q. ON PAGE 42, MR. VAN DE WATER DEFINES LINE SPLITTING
16 SERVICES AS "UNE-P BASED." IS THIS CHARACTERIZATION
17 ACCURATE?

18

19 A. No. This is a common misconception throughout the industry. Line
20 Splitting cannot be provisioned over a UNE-P. The UNE-P (also known as
21 UNE Platform) is only a combined UNE Port and a UNE Loop. By FCC
22 definition it is impossible to have Line Splitting via UNE-P. In order to use
23 a UNE-P facility for Line Splitting, the CLEC must convert the UNE-P to a
24 loop and port as the FCC clearly explained in the Texas 271 Order, ¶ 325.
25 ("For instance, if a competing carrier is providing voice service using the

1 UNE-platform, it can order an unbundled xDSL-capable loop terminated to
2 a collocated splitter and digital subscriber line access multiplexer
3 (“DSLAM”) equipment and unbundled switching combined with shared
4 transport, **to replace its existing UNE-platform arrangement with a**
5 **configuration that allows provisioning of both data and voice**
6 **services.”**(emphasis added). Accordingly, a UNE-P cannot be used in a
7 Line Splitting environment but rather would need to first be converted to a
8 shared UNE Loop, a UNE Port and cross connects. The shared UNE
9 Loop used in this scenario is often referred to as a “shared loop”.

10

11 The UNE-L is just that, a standalone UNE Loop that runs from the ultimate
12 end-user to a collocation cage in the serving wire center. To use a UNE-L
13 in a Line Splitting environment, the CLEC would need to have the
14 necessary equipment in their collocation cage connected to the UNE-L.
15 Accordingly, a UNE-L is but one piece of a total Line Splitting solution.

16

17 Q. WHO OWNS THE SPLITTER IN A LINE SPLITTING ARRANGEMENT?

18

19 A. Under the TRO, the CLEC is responsible for owning the splitter. Since
20 BellSouth is not providing either the voice or data service to the end-user,
21 it is not necessary for BellSouth to be involved between the two CLECs.

22

23 Q. ON PAGE 45, MR. VAN DE WATER MENTIONS THAT LINE SPLITTING
24 IS NOT INCLUDED IN BELLSOUTH’S CURRENT BULK HOT CUT
25 PROCESS. PLEASE COMMENT.

1

2 A. With a CLEC-owned splitter, which is all that the TRO requires, the CLEC
3 can manage their own 'hot cut' process for the voice service, without any
4 involvement or coordination from BellSouth. The CLEC would simply
5 disconnect the BellSouth switch port within its collocation space when
6 moving the voice customer to its own switch port. A subsequent set of
7 orders can then be placed to disconnect the BellSouth switch port that is
8 no longer in use, and change the records associated with the loop facility
9 to support the new service arrangement. The responsibility for the
10 migration (if any) of the data service in this scenario lies with the CLEC
11 who owns the splitter. Conversions of line-splitting are not encompassed
12 in BellSouth's batch migration process because that process applies only
13 to UNE-P to UNE-L migrations and, as described above, line splitting does
14 not utilize UNE-P.

15

16 Q. HOW IS THE HOT CUT PROCESS DIFFERENT IF BELLSOUTH OWNS
17 AND MAINTAINS THE SPLITTER, VS. THE DLEC OWNING AND
18 MAINTAINING THE SPLITTER?

19

20 A. CLECs have the option in many situations of utilizing a BellSouth-owned
21 splitter. CLECs need to weigh this option against the benefits of owning
22 their own splitters. Introduction of any third party (in this case BellSouth)
23 ownership of the splitter may add possible down time for the end user
24 during migrations. Additionally, if the existing Line Sharing or Line
25 Splitting scenario is with a BellSouth owned splitter and the CLEC is

1 migrating to a UNE-L, this requires a change from a BellSouth owned
2 splitter to a CLEC owned splitter. This change requires altering cabling
3 and accordingly the CLEC's end user will experience some xDSL service
4 down time until the responsible CLEC completes the new cabling on their
5 splitter.

6

7 If the existing Line Sharing or Line Splitting scenario is currently
8 provisioned with a CLEC owned splitter, it is possible that no change in
9 the splitter cabling would be necessary at the moment the CLEC migrates
10 to a UNE-L. However, that is totally under the control of the CLEC, and
11 only the CLEC would be able to determine the impact.

12

13

14 Q. IS IT POSSIBLE TO HAVE A VOICE SERVICE MIGRATION WITHOUT
15 ANY INTERRUPTION OF CLEC'S DSL SERVICE?

16

17 A. Absolutely. With a CLEC-owned splitter, the CLEC can complete the hot
18 cut of the voice service without interruption to the DSL service. In fact,
19 unless the CLEC wants to move the DSL service, it is not necessary for
20 any changes to be made to the DSL service.

21

22 Q. DOES THE BATCH HOT CUT PROCESS APPLY TO LINE SPLITTING?

23

1 A. No, BellSouth's batch hot cut process only applies to UNE-P to UNE-L
2 conversions which were the subject of the TRO. As explained above, by
3 FCC definition, Line Splitting cannot be accomplished using UNE-P and
4 accordingly, the batch process is not applicable to hot cuts for lines that
5 involve Line Splitting. CLECs can submit these orders, however, via the
6 individual hot cut process. Given the low volume of line sharing and line
7 splitting arrangements (less than 10 line splitting and less than 1200 line
8 sharing) in Kentucky today, the batch process is not necessary to convert
9 the embedded base.

10

11 Q. WOULD YOU PLEASE EXPLAIN WHY LINE SPLITTING WITH UNE-L,
12 CLEC PROVIDED SWITCHING, AND CLEC-OWNED SPLITTER IS
13 JUST NOW BECOMING AN ISSUE FOR CLECS?

14

15 A. Regulatory requirements for Line Splitting with CLEC provided switching
16 and a CLEC-owned splitter is a totally new concept. Until October 2,
17 2003, Line Splitting was only available via a UNE Port, a UNE Loop, and
18 collocation cross connects. The FCC, in its Triennial Review Order on
19 page 10 of the Rules (§51.319(a)(1)(ii)(A)) for the first time expanded the
20 definition of Line Splitting to include CLEC provided switching.
21 Accordingly, now that the telecommunications industry has had time to
22 read and digest the many changes contained in the FCC's Triennial
23 Review Order, new ways of delivering xDSL services to end users are just
24 now being considered and evaluated. Because this is all so new to all

1 involved parties, it is just now being discussed between BellSouth and
2 CLECs.

3

4 Q. HAS BELL SOUTH TAKEN STEPS TO FACILITATE LINE SPLITTING
5 WHEN A CLEC PROVIDES ITS OWN SWITCHING?

6

7 A. Yes. In its purest form, Line Splitting with a CLEC providing its own
8 switching requires almost no effort on BellSouth's part. BellSouth's
9 obligation is to insure that the CLECs have the ability to order the UNE-L
10 from the end user to their collocation cage in the serving wire center. All
11 other requirements to effectuate Line Splitting with CLEC provided
12 switching are under the exclusive control of the CLEC and are the
13 responsibility of the CLEC, not BellSouth. However, BellSouth has
14 voluntarily gone beyond its obligations to assist the CLEC in facilitating
15 various Line Splitting scenarios via the BellSouth/CLEC Line Sharing and
16 Line Splitting Collaborative, as discussed later in this testimony.

17

18 Q. HOW MANY CLEC XDSL LINES ARE POTENTIALLY AFFECTED BY
19 THESE CONVERSIONS?

20

21 A. As of December 31, 2003, in Kentucky BellSouth had a total of 7 Line
22 Splitting lines in service, and 1,101 Line Sharing lines in service. In the
23 most unlikely event that all Line Sharing lines in service in Kentucky
24 converted to Line Splitting, and then all Line Splitting converted to UNE-L,

1 the maximum total potential number of lines would only be 1,108. This
2 hypothetical total conversion of all shared loop lines in Kentucky to Line
3 Splitting via UNE-L, 1,108 is approximately 0.8% of all CLEC owned UNE-
4 P and UNE loops in Kentucky.

5

6 Q. ON PAGE 43, MR. VAN DE WATER STATES “WHILE THERE IS NO
7 TECHNICAL REASON THAT THE OUTPUT OF THE BELLSOUTH
8 SPLITTER COULD NOT BE HOT CUT TO THE VOICE CLEC DIRECTLY
9 FROM THE MDF, AS A MATTER OF POLICY, BELLSOUTH REFUSES
10 TO DO IT.” PLEASE COMMENT.

11

12 A. What Mr. Van de Water notably fails to mention is that BellSouth is not
13 obligated to provide a splitter by the TRO. Thus, while BellSouth
14 welcomes requests from CLECs for new services provided at market
15 based rates, there is no obligation by the TRO for BellSouth to continue to
16 facilitate line splitting between CLECs and DLECs by providing splitter
17 functionality, if enough CLECs or DLECs wished to purchase BellSouth’s
18 splitter functionality at market base rates to facilitate combining voice and
19 data services where an existing BellSouth offering is not already available,
20 then BellSouth would be willing to pursue development of such an
21 offering.

22

23 Q. ON PAGE 43-44, MR. VAN DE WATER STATES “THE ONLY
24 PRACTICAL PROCESS AVAILABLE IN BELLSOUTH TERRITORY BY
25 WHICH CLECS AND DLECS CAN IMPLEMENT UNE-L LINE SPLITTING

1 TODAY IS THROUGH THE USE OF PRE-WIRED (DEDICATED) CAGE-
2 TO-CAGE CABLING BETWEEN THEIR RESPECTIVE COLLOCATIONS
3 TO ENABLE INTERCONNECTION OF THE NECESSARY
4 EQUIPMENT...” HE GOES ON TO EXPLAIN IN A FOOTNOTE THAT
5 “CLECS COULD THEORETICALLY INSTALL NON-DEDICATED CAGE-
6 TO-CAGE CABLING BETWEEN THEIR COLLOCATIONS, BUT THIS
7 WOULD REQUIRE A DISPATCH TO EACH PARTY’S COLLOCATION
8 CAGE TO IMPLEMENT EACH NEW VOICE/DSL CUSTOMER’S
9 SERVICE.” WHICH APPROACH IS ACTUALLY MORE FEASIBLE?
10

11 A. Dispatching on every DSL order is actually more feasible than providing
12 dedicated cabling at the considerable expense Mr. Van de Water
13 describes. BellSouth’s current process for wiring DSL customers requires
14 a dispatch to the remote terminal, or at the main distribution frame in the
15 central office, for every new DSL order. Even at high DSL order volumes,
16 this approach is more cost effective than wiring dedicated cabling between
17 DSLAMs and voice switches. With the penetration rate of DSL service is
18 less than 4% of voice lines in Kentucky, it does not make sense to utilize
19 dedicated wiring for such a low take rate.
20

21 Q. ON PAGE 45-46, MR. VAN DE WATER DESCRIBES SUPPOSED
22 OPERATIONAL CONCERNS ASSOCIATED WITH CAGE-TO-CAGE
23 CROSS CONNECTS (AND THE ASSOCIATED CFAS) AND ROUTING
24 OF THE CLEC’S VOICE PATH THROUGH A DLEC’S COLLOCATION

1 SPACE. HOW SIMPLE ARE THE MITIGATING SOLUTIONS TO BOTH
2 OF THESE 'CONCERNS'?

3

4 A. If the CLECs share the concerns that Mr. Van De Water has alluded to,
5 then they have a relatively simple solution that they can employ to mitigate
6 almost all of his concerns. Specifically, the voice CLEC could install and
7 maintain their own splitters, and they could approach BellSouth to provide
8 technician dispatches at market rates.

9

10 Q. HOW DOES HAVING THE VOICE CLEC PROVIDE ITS OWN
11 SPLITTERS MITIGATE MANY OF THE CONCERNS THAT MR. VAN DE
12 WATER RAISES?

13

14 A. By installing and maintaining its own splitter in the CLECs collocation
15 cage, the CLEC's voice service will no longer pass through the DLEC's
16 collocation cage. Since the DLEC is no longer in the voice path, they
17 would not be required to troubleshoot voice service troubles with the
18 CLEC and ILEC. In addition, the DLEC could pre-wire a number of
19 DSLAM ports to the cables coming from the splitter, which would reduce
20 dispatch costs, since only the CLEC would need to dispatch for wiring
21 once a DSL order is received. This method would allow all other voice
22 service wiring procedures to remain 'as is,' and would only require
23 modifications for the relatively few customers that desire DSL service.
24 For those dispatches that do remain, the CLECs could approach
25 BellSouth to develop a market based agreement to provide dispatch

1 services for the CLECs. Because BellSouth is the party most likely to
2 have trained technicians located at or near the CLEC's collocation cage, a
3 market based rate would likely save the CLECs considerable costs
4 associated with dispatching technicians to central offices.
5

6 Q. MR. VAN DE WATER DESCRIBES THE NEED FOR ADDITIONAL CFA
7 ASSIGNMENTS IN ORDER TO BE ABLE TO CONNECT DLEC-
8 PROVIDED DSL SERVICES WITH CLEC-PROVIDED VOICE
9 SERVICES. HOW DIFFICULT IS KEEPING THE RECORDS BETWEEN
10 THE DLEC AND CLEC?
11

12 A. Managing CFAs and other assignments is a core functionality of any
13 telephone company. With the number of customer records, the complexity
14 of managing facility assignments throughout the network, and
15 interconnection agreements with ILECs, IXCs and others, managing
16 customer and network records is critical to the ongoing business of any
17 CLEC. The requirements for CLEC to DLEC CFAs is no less, or no more,
18 complicated than any other type of record keeping, and the CLECs have
19 no relative advantage, or disadvantage to BellSouth when it comes to
20 keeping records.
21

22 Q. BASED ON THE MITIGATING ALTERNATIVES DESCRIBED ABOVE,
23 HOW ACCURATE ARE THE 'COSTS' DESCRIBED BY MR. VAN DE
24 WATER FOR USING A LINE SPLITTING ARRANGEMENT WITH CLEC
25 PROVIDED SWITCHING?
26

1 A. As described above, dispatching technicians to 'recreate' the facility
2 connections when adding a DLEC provided DSL service is the most
3 economically feasible alternative. Now that a technician is available to
4 recreate the DSL connection, re-using the formerly voice only DLC port is
5 a valid option. Therefore, 88% of the 'costs' described by Mr. Van De
6 Water are no longer warranted.

7
8 Q. PLEASE EXPLAIN HOW CLECS AND DLECS CAN IMPROVE THIS
9 PROCESS WITHOUT REQUIRING ANY INVOLVEMENT FROM
10 BELLSOUTH.

11
12 A. CLECs could best serve themselves by strengthening the arrangements
13 they have amongst themselves. As explained in this testimony, BellSouth
14 is merely a facilitator of Line Splitting and not actually a directly involved
15 party with the end-user. All of the necessary components for Line Splitting
16 are currently available to CLECs. It must be noted that much of the
17 necessary work when migrating to Line Splitting via UNE-L needs to be
18 done by the CLEC. Accordingly, the CLEC has considerable control over
19 the extent of down time the CLEC xDSL end user would experience. Just
20 like BellSouth, CLECs need to develop the necessary new processes, test
21 them, enhance them, and refine them to the point where they are
22 operationally efficient in order to minimize end user down time.

23

1 Q. DO ANY OF THE ABOVE MENTIONED MIGRATION SCENARIOS
2 REQUIRE USE OF AN ASR?

3

4 A. No, for all Line Splitting scenarios, and migrations to Line Splitting, CLECs
5 only need to use existing LSR processes. ASRs are not needed for any
6 currently available components needed for Line Splitting.

7

8 Q. ARE THERE ANY SCENARIOS WHERE PLACING MULTIPLE ORDERS
9 ARE REQUIRED TO DO A SINGLE CONVERSION?

10

11 A. There are a few situations that may require two LSRs be submitted. The
12 first such situation would be where an end user is moving from one
13 location to another. In order to establish a shared loop scenario (Line
14 Sharing or Line Splitting via a UNE Loop, UNE Port and cross connects)
15 the loop at the customers new address must first have dial tone
16 established. Accordingly, this would require two orders, one for the voice
17 service and a second to establish the loop sharing. However, these
18 orders can be “related” and worked together. A second scenario would be
19 where an end user desires to establish an additional line with xDSL at
20 their location. As with the above, the voice service must be established
21 first, and then the loop sharing may be established. Again, these orders
22 can be “related” and worked together. The third such scenario would be
23 where the end user currently does not have data and desires to change
24 voice providers from BellSouth to a CLEC and add a shared loop. In this

1 case, if the end user is changing any of the existing voice service (adding,
2 deleting features, etc.) two orders would be necessary. As stated above
3 however, any of the remaining types of migrations can be accomplished
4 with a single LSR.

5

6 Q. WHAT EFFORTS HAVE BEEN MADE BY CLECS AND BELLSOUTH TO
7 DEVELOP PROCESSES AND PROCEDURES FOR SHARED LOOP
8 CONVERSIONS?

9

10 A. Since the inception of Line Sharing and Line Splitting, BellSouth
11 voluntarily established the BellSouth/CLEC Line Sharing/Line Splitting
12 Collaborative. BellSouth developed its shared loop products (Line Sharing
13 and Line Splitting) through a collaborative process with all interested
14 CLECs. BellSouth invited CLECs to a collaborative meeting in Atlanta on
15 January 26, 2000. Twelve CLECs participated in the meeting. The
16 participants agreed to form several working teams to develop, test, and
17 refine the procedures for pre-ordering, ordering, and provisioning the High
18 Frequency Portion of the Loop ("HFPL") UNE so that CLECs and
19 BellSouth could implement line sharing successfully. The first meeting of
20 the working teams was held on February 2, 2000. The participants jointly
21 decided to have two sub-committees: a technical sub-committee and a
22 systems/process sub-committee. Each sub-committee would meet one
23 day each week. The technical sub-committee worked on technical issues,
24 such as systems/network architecture and testing. The systems/process

1 sub-committee focused on the pre-ordering, ordering, provisioning,
2 maintenance, and billing issues associated with line sharing. Each sub-
3 committee listed and prioritized issues and action items. The sub-
4 committees addressed and resolved issues essential to the development
5 of the architecture and operations plan for the line sharing product.
6 Beginning April 12, 2000, the collaborative consolidated the two sub-
7 committees, and the full committee then conducted the collaborative
8 meetings on one full day each week. Subsequently the Collaborative
9 changed the meeting schedule to one half day, twice per month.

10

11 BellSouth also provides a web site for Line Sharing and Line Splitting
12 information including meeting logistics, meeting minutes, process flow and
13 procedures. The web site can be found at
14 [http://www.interconnection.bellsouth.com/markets/lec/line_sharing_collab/i](http://www.interconnection.bellsouth.com/markets/lec/line_sharing_collab/index.html)
15 [ndex.html](http://www.interconnection.bellsouth.com/markets/lec/line_sharing_collab/index.html)

16

17 Q. WHO IS REPRESENTED IN THE BELLSOUTH / CLEC LINE SHARING
18 AND LINE SPLITTING COLLABORATIVE?

19

20 A. Since its inception, the following are some of the companies providing
21 representation and input to the Collaborative: Aircovr, AI-Call, AT&T,
22 BellSouth, BlueStar, Covad, Duro Communications, MCI/WorldCom, MTA
23 Consulting, Network Telephone, New Edge, NorthPoint, Rhythms, Sprint,
24 Volaris, and WebShoppe.

1

2 Q. HAVE THE CLECS AND DLECS EXPRESSED ANY INTEREST IN THE
3 VARIOUS HOT CUT SCENARIOS YOU HAVE DESCRIBED EARLIER?

4

5 Yes, just recently, but their interest has been very limited and generally
6 only relates to a few specific situations. The first such expression of
7 CLEC interest was raised during the September 18, 2003 BellSouth/CLEC
8 Line Sharing and Line Splitting Collaborative ("Collaborative"). A CLEC
9 requested an agenda item to address BellSouth's plans to support Line
10 Splitting OSS changes based on the recent TRO requirements. At the
11 next Collaborative this issue was listed on the Agenda as a discussion
12 item as requested by the CLEC however, in accordance with Collaborative
13 policy, because the requesting CLEC was not in attendance, the
14 discussion was tabled until the next scheduled meeting. During the
15 October 16, 2003 Collaborative meeting the CLEC's issue was specifically
16 identified as BellSouth's readiness to provide Line Splitting with CLEC
17 voice via CLEC switch in an electronic ordering environment with
18 seamless provisioning.

19

20 Q. ARE YOU SAYING THAT BELL SOUTH'S HOT CUT PROCESS ON LINE
21 SHARING AND LINE SPLITTING IS A SIGNIFICANT CONCERN TO THE
22 CLECS?

23

24 A. No, at least not according to their actions. The CLECs' have expressed
25 interest in BellSouth developing various migration scenarios; however, all

1 such migration scenarios discussed in the January 29, 2004 Collaborative
2 are currently available. The CLECs' have not provided the priorities of
3 additional development for migration scenarios that BellSouth does not
4 already have available. Lack of prioritization for migration scenarios that
5 are currently not available, in the appropriate forum for them to work with
6 BellSouth to effectuate change indicates that hot cuts impact on xDSL
7 service are not currently of significant concern to them.
8

9 Q. PLEASE EXPLAIN HOW BELLSOUTH DECIDES WHICH DLEC
10 REQUESTS IT WILL WORK ON, AND WHEN?

11
12 A. Since the inception of Line Sharing and Line Splitting, BellSouth has
13 continually solicited input, direction and prioritization from CLECs via the
14 BellSouth/CLEC Line Sharing/Line Splitting Collaborative, of which AT&T,
15 MCI/WorldCom, Sprint, Covad, and several others are members.
16 Basically, BellSouth asks the CLECs to provide a prioritized list of the
17 CLEC's requests for enhancements, changes, modifications, etc. to Line
18 Sharing /Line Splitting. The listing is then presented to the Collaborative
19 where the items and related prioritization is voted on and approved by the
20 Collaborative. BellSouth then uses the consolidated and Collaborative
21 approved prioritized listing of projects as guidance to determine the work
22 activity of the BellSouth internal team for product development under
23 manual ordering – electronic ordering follows the Change Control
24 guidelines for prioritization & scheduling. The attached exhibit EF-3

1 shows the most current CLEC prioritization of Line Splitting migrations that
2 have been completed by BellSouth.

3

4 Because of the recentness of the TRO and the lack of any significant
5 quantity of Line Splitting sales (including migrations to Line Splitting) within
6 the BellSouth region, the request for migrations and or hot-cuts to or from
7 Line Splitting has just recently been received by BellSouth. As of the
8 January 29, 2004 BellSouth/CLEC Line Sharing and Line Splitting
9 Collaborative, the CLECs have not yet fully defined or developed any
10 requests not already available from BellSouth, let alone prioritized them.
11 Once received from the CLECs, BellSouth will have the CLECs prioritize
12 and then vote to approve the prioritization of the desired UNE-L
13 migrations, including any hot cut scenarios.

14

15 O. HAVE THE CLECS FORMALLY REQUESTED BELLSOUTH TO BEGIN
16 WORK ON ESTABLISHING ANY ADDITIONAL PROCEDURES, ETC.
17 FOR HOT CUTS OR MIGRATIONS TO UNE-L AS EXPLAINED ABOVE?

18

19 A. No. That is what is confusing. As previously mentioned, the CLECs are
20 raising many of these issues to this Commission but have yet to provide
21 BellSouth with a prioritized listing of what they are desiring that isn't
22 already available from BellSouth.

23

1 Q. ON PAGE 37 OF HIS TESTIMONY, MR. BRADBURY STATES
2 "ADDITIONALLY, EXCEPT WHEN THE IDLC CUSTOMER CAN BE
3 PLACED ON A COPPER LOOP LESS THEN 18,000 FEET IN LENGTH
4 CLECS ARE DENIED THE CAPABILITY TO PROVIDE DSL SERVICE
5 TO THEIR CUSTOMERS." PLEASE EXPLAIN WHAT CAPABILITIES
6 CLECS HAVE TO CONTINUE TO PROVIDE BROADBAND SERVICES
7 TO THEIR END USERS.

8

9 A. CLECs have numerous options available for serving the broadband needs
10 of their end-user customers in cases other than where IDLC customers
11 can be placed on a copper loop less than 18,000 feet. Specifically, any
12 CLEC can: (1) place its own DSLAM at the DLC remote terminal as
13 BellSouth does in such a situation, (2) provision the end-user customer
14 with Integrated Services Digital Network ("ISDN") Digital Subscriber Line
15 ("IDSL") service, (3) Provide the customer with a dedicated T1 connection,
16 (4) partner with a cable broadband provider to provide cable modem
17 broadband service, (5) purchase BellSouth's tariffed wholesale DSL
18 offering, (6) deploy a fixed wireless broadband technology, and (7) partner
19 with a satellite broadband provider.

20

21 Q. PLEASE SUMMARIZE YOUR TESTIMONY.

22

23 A. As becomes readily apparent from the above testimony, BellSouth already
24 has in place the needed processes to handle all known CLEC requested

1 migration scenarios. In particular, if the CLEC owns the splitter, as it is
2 obligated to do, the CLEC can cut a loop from the BellSouth switch port to
3 a CLEC switch port using its own processes without interruption to the
4 DSL service. In addition, BellSouth has demonstrated that CLECs are not
5 harmed in any way with a conversion of Line Splitting via UNE Loop, UNE
6 Port and cross connects to a UNE-L. In addition to the requirements,
7 BellSouth has, is, and will continue to voluntarily provide various items at
8 market based rates to assist the CLEC community with better serving their
9 end user customers. Additionally, BellSouth has had a long-standing
10 forum for CLECs to bring their new ideas, needs and requests to the
11 attention of BellSouth, the BellSouth/CLEC Line Sharing and Line Splitting
12 Collaborative. Through this Collaborative not only are the CLECs able to
13 assist with the development of the various offerings, enhancements, etc.,
14 they additionally have significant input into the prioritization of the
15 BellSouth work effort. As of the last Collaborative meeting, January 29,
16 2004, the CLECs had not yet formulated their requests for any conversion
17 scenarios to or from Line Splitting that are not already available from
18 BellSouth. BellSouth has continually demonstrated that it is diligent,
19 prompt and attentive to the requests of the CLECs, and is committed to
20 remain so. To that end, even though BellSouth stands ready and waiting,
21 CLECs have not provided any additional detailed process requests, nor
22 prioritized any additional BellSouth work efforts to help facilitate xDSL
23 migrations with UNE-P to UNE-L or subsequent migrations not already
24 available from BellSouth, even though the collaborative meetings with
25 BellSouth has given them ample opportunity to do so.

26

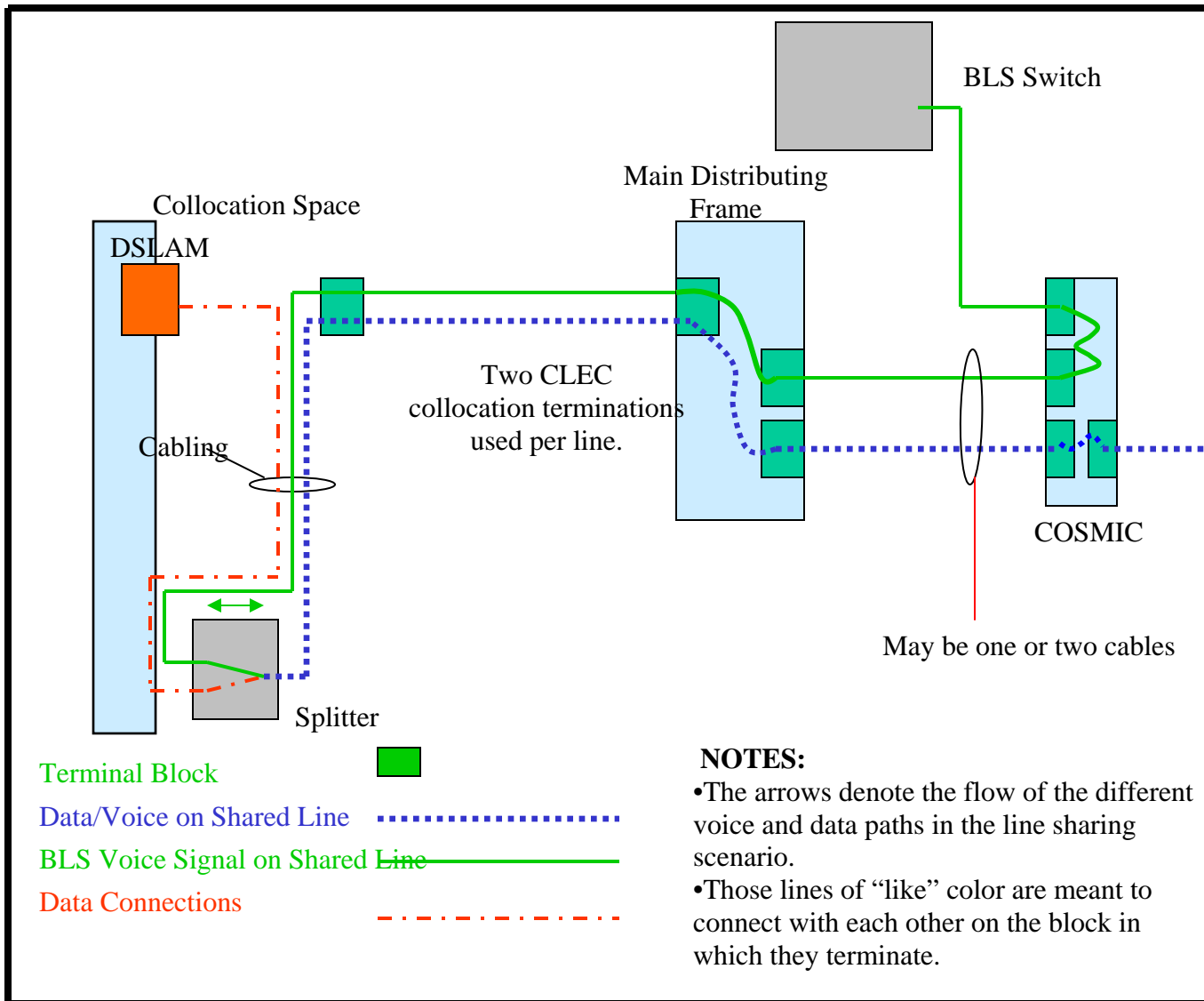
1 Q. DOES THIS CONCLUDE YOUR TESTIMONY?

2

3 A. Yes. Thank you.

CO-Based Line Splitting

Exhibit EF-1

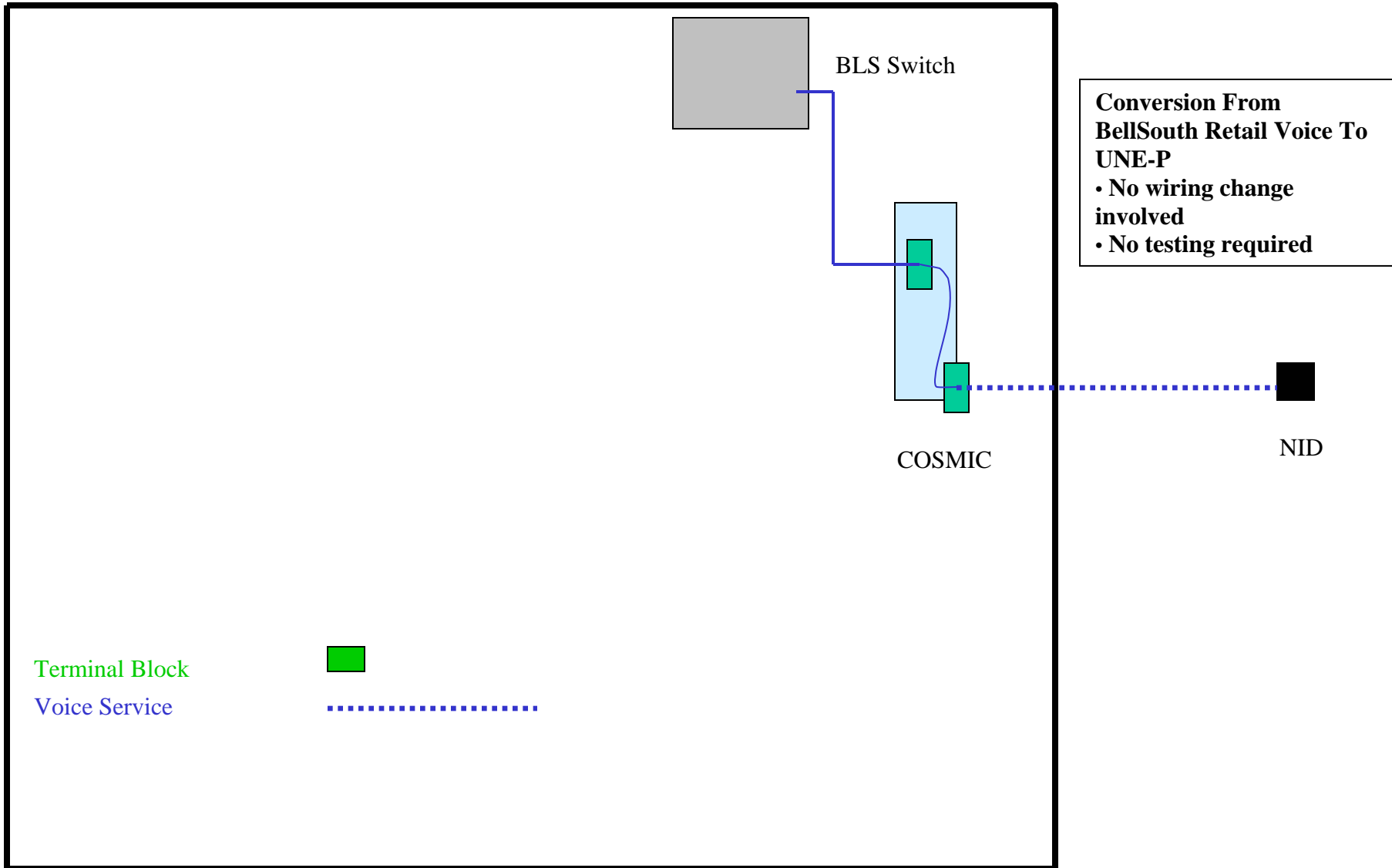


- Conversion From UNE-P To Line Splitting**
- Remove 1 Cross-Connection
 - Make 4 new Cross-Connections
 - Test voice and data

NID

CLEC Voice on BST UNE-P

Exhibit EF-2



LINE SPLITTING MIGRATION OPTIONS DELIVERED TO DATE

| Ref | Change | | Voice Provider | | Data Provider | | CO Work | 1st Right | DLEC | Collaborative | Phase |
|------------|------------------------------|-----------------------------|-----------------------|-------------|----------------------|-------------|----------------|-------------------|---------------------|----------------------|------------------|
| Num | From Existing Service | To New Service | Change | Same | Change | Same | RQD | Of Refusal | Notification | Priority | Delivered |
| 1 | CO HFS – BST owned | Line Splitting – BST owned | X | | | X | No | No | No | 3 | 2 |
| 2 | CO HFS – BST owned | Line Splitting – BST owned | X | | X | | | No | Yes | 4 | 2 |
| 3 | CO HFS – BST owned | Line Splitting – DLEC owned | X | | | X | | No | No | 3 | 2 |
| 4 | CO HFS – BST owned | Line Splitting – DLEC owned | X | | X | | | No | Yes | 4 | 2 |
| 5 | CO HFS – DLEC owned | Line Splitting – BST owned | X | | | X | | No | No | 3 | 2 |
| 6 | CO HFS – DLEC owned | Line Splitting – BST owned | X | | X | | | No | Yes | 4 | 2 |
| 7 | CO HFS – DLEC owned | Line Splitting – DLEC owned | X | | | X | No | No | No | 3 | 2 |
| 8 | CO HFS – DLEC owned | Line Splitting – DLEC owned | X | | X | | | No | Yes | 4 | 2 |
| 23 | UNE-P | Line Splitting – BST owned | | X | New | New | | No | No | 1 | 2 |
| 25 | UNE-P | Line Splitting – DLEC owned | | X | New | New | | No | No | Avail 6/19/01 | 1 |
| 27 | BellSouth Retail | Line Splitting – BST owned | X | | New | New | | No | No | 2 | 2 |
| 28 | BellSouth Retail | Line Splitting – DLEC owned | X | | New | New | | No | No | 2 | 2 |
| 17 | Line Splitting – DLEC owned | Line Splitting – BST owned | X | | X | | | No | N/A | 10 | 3 |
| 19 | Line Splitting – DLEC owned | Line Splitting – BST owned | | X | X | | | No | N/A | 10 | 3 |
| 20 | Line Splitting – DLEC owned | Line Splitting – DLEC owned | X | | | X | No | No | N/A | 11 | 3 |
| 21 | Line Splitting – DLEC owned | Line Splitting – DLEC owned | X | | X | | | No | N/A | 11 | 3 |
| 22 | Line Splitting – DLEC owned | Line Splitting – DLEC owned | | X | X | | | No | N/A | 11 | 3 |
| 24 | UNE-P | Line Splitting – BST owned | X | | New | New | | No | No | 8 | 3 |
| 26 | UNE-P | Line Splitting – DLEC owned | X | | New | New | | No | No | 8 | 3 |
| 33 | Resale | Line Splitting – BST owned | | X | New | New | | No | No | 7 | 3 |
| 34 | Resale | Line Splitting – DLEC owned | | X | New | New | | No | No | 7 | 3 |
| 35 | Resale | Line Splitting – BST owned | X | | New | New | | No | No | 7 | 3 |
| 36 | Resale | Line Splitting – DLEC owned | X | | New | New | | No | No | 7 | 3 |