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**BELLSOUTH TELECOMMUNICATIONS, INC.**  
**REBUTTAL TESTIMONY OF KEITH MILNER**  
**BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**  
**DOCKET NO. 960833-TP**  
**AUGUST 30, 1996**

Q. Please state your name, address and position with BellSouth Telecommunications, Inc. ("BellSouth" or "The Company").

A. My name is W. Keith Milner. My business address is 675 West Peachtree Street, Atlanta, Georgia 30375. I am a Director - Strategic Management for BellSouth Telecommunications, Inc.

Q. Are you the same W. Keith Milner who filed direct testimony in this docket on August 12, 1996?

A. Yes.

Q. What is the purpose of your rebuttal testimony being filed today?

A. My testimony is filed in rebuttal to direct and supplemental testimony filed in this proceeding by Mr. James A. Tamplin, Jr. of AT&T. Specifically, I will address the eight (8) network elements for which no agreement between BellSouth and AT&T has been reached. Those

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1 elements are:

2

- 3 • Network Interface Device
- 4 • Loop Distribution Media
- 5 • Loop Concentrator/Multiplexer
- 6 • Loop Feeder
- 7 • Local Switching
- 8 • Operator Systems
- 9 • Dedicated Transport
- 10 • Common Transport

11

12 Additionally, because AT&T has raised the issue of providing  
13 unbundled access to certain capabilities referred to as Advanced  
14 Intelligent Network (AIN) triggers. I will address that subject as well.

15

16 It is important to note here that Mr. Tamplin's supplemental testimony in  
17 this proceeding is little more than a recitation of selected paragraphs  
18 from the Federal Communications Commission (FCC) Order 96-325  
19 (the "Order"). No new rationale for or insight into AT&T's claims of  
20 technical feasibility may be gleaned from this extensive list of  
21 recitations.

22

23 Q. Mr. Tamplin's testimony cites the FCC's definition of technical  
24 feasibility. Is that definition complete?

25

1 A. No. BellSouth can agree that technical feasibility refers to technical  
2 and operational concerns, however, the FCC's definition does not  
3 provide adequate criteria for making reasonable determinations of  
4 technical feasibility in particular cases. I believe that the FCC  
5 recognized this, especially, for example, since it expressly excluded  
6 1AESS switches from the requirement of providing "customized  
7 routing." In this case, the FCC recognized that the 1AESS is capable  
8 of customized routing but only in limited quantities. The FCC thus  
9 excluded the 1AESS from its definition of technical feasibility in the  
10 case of customized routing. Without such additional criteria, the  
11 definition is unworkable and will likely lead to endless, theoretical  
12 discussions.

13

14 Q. What criteria should be incorporated into the FCC's definition to make it  
15 workable?

16

17 A. BellSouth stated earlier its belief that the following minimum criteria are  
18 appropriate:

19

- 20 1. The ability to provision, track and maintain the element.
- 21 2. The ability to deliver discrete, stand-alone facilities, equipment,  
22 or logical functions of the existing or scheduled LEC network.
- 23 3. The ability to maintain network integrity without undue risk,  
24 including risk of physical hazards to telephone plant or operating  
25 personnel, or risk to service degradation or service impairment

1 of any kind.

2 4. The ability to provide physical or logical operational interfaces  
3 between the incumbent LEC and the requesting company.

4

5 Further, guiding principles of technology deployment and evolution are  
6 necessary to ensure that BellSouth's network remains state-of-the-art,  
7 using appropriate technology, arrangements and configurations. To  
8 ensure such an evolution, BellSouth must have assurances that it will  
9 continue to have the following:

- 10 1. The flexibility to upgrade or change technology, serving  
11 arrangements and operational procedures when, where and how  
12 it chooses.
- 13 2. The flexibility to remove from its network any technology, serving  
14 arrangement or operational procedure that BellSouth considers  
15 obsolete.
- 16 3. The flexibility to change any operation consideration, such as  
17 digital loop concentration ratios, in order to ensure high quality,  
18 cost effective service.

19 The FCC's Order appears to agree with these guiding principles when it  
20 states "Each carrier must be able to retain responsibility for the  
21 management, control, and performance of its own network." FCC  
22 Order number 96-325 at Paragraph 203.

23

24 Q. Please briefly describe the format and content of BellSouth's comments  
25 on the FCC's conclusions regarding the technical feasibility of

1 unbundling the network elements.

2

3 A. I will address each element separately. The first four network elements  
4 discussed (Network Interface Device, Distribution Media,  
5 Concentrator/Multiplexer and Feeder) are loop elements.

6

7 ***Network Interface Device (NID)***

8

9 Q. Please define the requested Network Element.

10

11 A. The NID is a single-line termination device or that portion of a multiple-  
12 line termination device required to terminate a single line or circuit.

13

14 Q. What is your understanding of the FCC's conclusions regarding the  
15 technical feasibility of unbundling this Network Element?

16

17 A. In its Order, the FCC concluded that it is technically feasible to  
18 unbundle the NID, however, the FCC does not require that the  
19 Alternative Local Exchange Company (ALEC) be allowed to terminate  
20 its loop directly to BellSouth's NID. Mr. Tamplin is mistaken in his  
21 supplemental testimony when he asserts that "The FCC Order requires  
22 BellSouth to provide access to the NID as AT&T requested." Not once  
23 during negotiations between BellSouth and AT&T did AT&T request a  
24 NID-to-NID connection as the FCC's Order contemplates. Instead,  
25 AT&T steadfastly held to the position that BellSouth should allow AT&T

1 to directly attach its loop to the BellSouth NID or that BellSouth should  
2 remove the BellSouth loop from the BellSouth NID in order that AT&T  
3 could attach its loop to that same NID. Instead of agreeing to AT&T's  
4 request, the FCC describes a NID-to-NID connection that would allow  
5 AT&T access to the inside wire.

6

7 Q. Does BellSouth agree with the conclusions reached by the FCC  
8 regarding the technical feasibility of unbundling the NID?

9

10 A. Yes. While BellSouth does not agree that the NID-to-NID connection  
11 described in the FCC's Order constitutes a form of unbundling,  
12 BellSouth does believe that such a NID-to-NID connection is an  
13 appropriate arrangement for an ALEC to connect its loop to the inside  
14 wire, providing, of course, that the ALEC, in connecting to the inside  
15 wire, does not disrupt or disable the BellSouth loop and NID. As stated  
16 in my direct testimony in this proceeding, BellSouth believes that  
17 neither unbundling of the NID nor direct connection of the AT&T loop to  
18 the BellSouth NID (apart from the NID-to-NID connection described  
19 above) is technically feasible.

20

21 ***Distribution Media***

22

23 Q. Please define the requested Network Element.

24

25 A. Distribution Media provides sub-loop connectivity between the NID

1 component of Loop Distribution and the terminal block on the  
2 customer-side of a Feeder Distribution Interface (FDI).

3

4 Q. What is your understanding of the FCC's conclusions regarding the  
5 technical feasibility of unbundling this Network Element?

6

7 A. The FCC did not include the sub-loop element Distribution Media in its  
8 list of network elements to be unbundled but noted that "State  
9 commissions, as previously noted, are free to prescribe additional  
10 elements, and parties may agree on additional network elements in the  
11 voluntary negotiation process." FCC Order 96-325 at Paragraph 366.  
12 In his supplemental testimony, Mr. Tamplin does not comment on the  
13 technical feasibility of unbundling Distribution Media, thus Mr. Tamplin's  
14 testimony collectively reveals little more about his opinion of such  
15 technical feasibility other than that he apparently disagrees with  
16 BellSouth's rationale.

17

18 Q. What is BellSouth's position regarding the technical feasibility of  
19 unbundling of Distribution Media?

20

21 A. As was stated in my direct testimony in this proceeding, BellSouth  
22 believes that a reasonable definition of technical feasibility must include  
23 the seven elements named earlier in this testimony. Applying the  
24 criteria of such a definition would lead to the conclusion that unbundling  
25 of Distribution Media is not technically feasible.

1

2 **Loop Concentrator/Multiplexer**

3

4 Q. Please define the requested Network Element.

5

A. The Loop Concentrator/Multiplexer is the Network Element that:

6

7 1. Aggregates lower bit rate or bandwidth signals to higher bit rate or  
8 bandwidth signals (multiplexing).

9

10 2. Disaggregates higher bit rate or bandwidth signals to lower bit rate or  
11 bandwidth signals (demultiplexing).

11

12 3. Aggregates a specified number of signals or channels to fewer  
13 channels (concentrating).

14

15 4. Performs signal conversion, including encoding of signals (*i.e.*, analog  
16 to digital and digital to analog signal conversion).

17

18 5. In some instances performs electrical to optical (E/O) conversion.

18

19

20 Q. What is your understanding of the FCC's conclusions regarding the  
21 technical feasibility of unbundling this Network Element?

21

22

23 A. Here again, the FCC did not include the sub-loop element Loop  
24 Concentrator/Multiplexer in its list of network elements to be unbundled.

24

25 Here again, in his direct and supplemental testimony, Mr. Tamplin

25



1 offers little in the way of explanation for his belief that unbundling of  
2 Loop Concentrator/Multiplexer is technically feasible.

3

4 Q. What is BellSouth's position regarding the technical feasibility of  
5 unbundling of Loop Concentrator/Multiplexer?

6

7 A. As I stated in my direct testimony in this proceeding, BellSouth believes  
8 that a reasonable definition of technical feasibility must include the  
9 seven elements named earlier in this testimony. Applying the criteria of  
10 such a definition would lead to the conclusion that unbundling of  
11 Distribution Media is not technically feasible.

12

13 ***Loop Combinations with Integrated Digital Loop Carrier***

14

15 Q. Please define the requested Network Element.

16

17 A. The requested Network Element is a complete contiguous loop from  
18 the BellSouth Central Office to the end-user premises, where that loop  
19 is provided via Integrated Digital Loop Carrier (IDLC).

20

21 Q. What is your understanding of the FCC's conclusions regarding the  
22 technical feasibility of unbundling this Network Element?

23

24 A. The FCC apparently believes that it is technically feasible in some  
25 cases to unbundle loops served by IDLC. The FCC states that various

1 methods were described by the commenters as to how such  
2 unbundling of loops might be achieved. Mr. Tamplin's supplemental  
3 testimony is once again silent regarding any method by which he  
4 purports unbundling to be technically feasible.

5

6 Q. Does BellSouth agree with the conclusions reached by the FCC  
7 regarding the technical feasibility of providing unbundled loops served  
8 by IDLC?

9

10 A. BellSouth agrees that there are appropriate methods to provide such  
11 unbundled access to the loops. My direct testimony in this proceeding  
12 described two such methods.

13

14 Q. What are the two methods by which BellSouth will provide unbundled  
15 access to loops served by IDLC?

16

17 A. The following methods accommodate AT&T's request for unbundled  
18 loops served by IDLC?

19

- 20 1. Reassign the loop from an integrated carrier system and use a  
21 physical copper pair.
- 22 2. In the case of Next Generation Digital Loop Carrier (NGDLC)  
23 systems, "groom" the integrated loops to form a virtual Remote  
24 Terminal (RT) set up for universal service. In this context,  
25 "groom" means to assign certain loops (in the input stage of the

1                   NGDLC) in such a way that discrete combinations of multiplexed  
2                   loops may be assigned to transmission facilities (in the output  
3                   stage of the NGDLC).

4

5 Q.     Please comment on the FCC's depiction of "demultiplexing" equipment  
6           as another method of providing access to unbundled loops served by  
7           IDLC.

8

9 A.     The "demultiplexing" equipment the FCC refers to is likely the same  
10          type of equipment that was removed from BellSouth's network as it  
11          evolved to the IDLC environment. IDLC arrangements eliminate costly  
12          digital to analog conversions and also improve the overall transmission  
13          quality. The claim that unbundling can be accomplished by re-installing  
14          obsolete serving arrangements such as demultiplexing equipment does  
15          not comport with a reasonable view of technical feasibility. As noted  
16          earlier, a tenet of BellSouth's view of technical feasibility is that  
17          BellSouth must have the flexibility to remove from its network any  
18          technology, serving arrangement or operational procedure that  
19          BellSouth determines to be obsolete. BellSouth, therefore, does not  
20          believe that the use of demultiplexing equipment is a technically  
21          feasible method of accomplishing unbundling where loops are served  
22          by IDLC.

23

24

25 ***Loop Feeder***

1 Q. Please define the requested Network Element.

2  
3 A. The Loop Feeder is the Network Element that provides connectivity  
4 between (1) a Feeder Distribution Interface (FDI) associated with Loop  
5 Distribution and a termination point appropriate for the media in a  
6 central office, or (2) a Loop Concentrator/Multiplexer provided in a  
7 remote terminal and a termination point appropriate for the media in a  
8 central office.

9  
10 Q. What is your understanding of the FCC's conclusions regarding the  
11 technical feasibility of unbundling this Network Element?

12  
13 A. The FCC did not include the sub-loop element Loop Feeder in its list of  
14 network elements to be unbundled. Once again, Mr. Tamplin offers no  
15 insight in his supplemental testimony as to the basis for his belief that  
16 unbundling of Loop Feeder is technically feasible.

17  
18 Q. What is BellSouth's position regarding the technical feasibility of  
19 unbundling of Loop Feeder?

20  
21 A. There is not a question of technical feasibility in the case of Loop  
22 Feeder. However, as I stated in my direct testimony in this proceeding,  
23 BellSouth believes that the same functionality requested by AT&T as  
24 the sub-loop element Loop Feeder can be acquired at present via  
25 BellSouth's tariffs. As a result there is no need to require an unbundled

1 network element.

2

3 ***Combination of Loop Concentrator/Multiplexer with Loop Feeder***

4

5 Q. Please define the requested Network Element.

6

7 A. This element is a bundled combination of the previously described  
8 Loop Feeder and Loop Concentrator/Multiplexer.

9

10

11 Q. What is your understanding of the FCC's conclusions regarding the  
12 technical feasibility of unbundling this Network Element?

13

14 A. The FCC did not include the sub-loop element Combination of Loop  
15 Concentrator/Multiplexer with Loop Feeder in its list of network  
16 elements to be unbundled. No specific reference to the technical  
17 feasibility of unbundling this sub-loop element is made by Mr. Tamplin  
18 in his supplemental testimony.

19

20 Q. What is BellSouth's opinion regarding the technical feasibility of  
21 unbundling of the combination of Loop Concentrator/Multiplexer with  
22 Loop Feeder?

23

24 A. As in the case of Loop Feeder discussed earlier, there is not a question  
25 of technical feasibility. BellSouth believes that the equivalent

1            functionality sought by AT&T in its request for Loop  
2            Concentrator/Multiplexer with Loop Feeder is available at present via  
3            BellSouth's tariffs. As a result there is no need to require an unbundled  
4            network element.

5            ***Local Switching***

6  
7            Q.     Please define the Network Element Local Switching.

8  
9            A.     Local Switching is the Network Element that provides the functionality  
10           required to connect the appropriate originating lines or trunks wired to  
11           the Main Distributing Frame (MDF) or to the Digital Cross Connect  
12           (DSX) panel to a desired terminating line or trunk.

13  
14          Q.     Will BellSouth provide the unbundled network element Local  
15          Switching?

16  
17          A.     Yes, however, as was stated in my direct testimony in this proceeding,  
18          BellSouth does not agree with the definition of local switching as has  
19          been used by AT&T.

20  
21          Q.     How are BellSouth's and AT&T's definitions of Local Switching  
22          different?

23  
24          A.     As pointed out in my direct testimony in this proceeding, AT&T has  
25          defined Local Switching as also having a new functionality referred to

1 as selective routing.

2

3 Q. What is your understanding of the FCC's conclusions regarding the  
4 technical feasibility of unbundling this Network Element?

5

6 A. The FCC concluded that Local Switching, including the selective  
7 routing functionality, (or "customized routing" as referred to in the  
8 Order) is technically feasible in some circumstances. Specifically, the  
9 FCC apparently concluded that customized routing is technically  
10 feasible because "many" switches are capable of providing such  
11 customized routing. The FCC did note, however, that some switch  
12 types, for example the Lucent Technologies 1AESS are not capable of  
13 providing customized routing. As I noted earlier, this analysis forms the  
14 basis for my opinion that the FCC did not intend as narrow a definition  
15 of technical feasibility as AT&T would have us believe. The 1AESS  
16 can provide some customized routing, it just exhausts that capability  
17 quickly.

18

19 Q. How does this affect BellSouth?

20

21 A. First, the FCC noted that 9.8% of the RBOC, GTE and SNET switches  
22 of the 1AESS type. While this may be true, a lot more than 9.8% of our  
23 lines are served by the 1AESS. Second, BellSouth has other switch  
24 types not cited by the FCC that are also not capable of providing  
25 customized routing.

1

2 Q. What are those switch types?

3

4 A. In addition to the Lucent Technologies 1AESS, other switch types not  
5 capable of providing customized routing for the same reasons as for  
6 the 1AESS include:

7

- 8 • Lucent Technologies 2BESS
- 9 • Nortel DMS100
- 10 • Nortel DMS10
- 11 • Siemens Stromberg Carlson DCO

12

13 Q. Are there any switch types in BellSouth's network that are capable of  
14 providing customized routing?

15

16 A. There are switches such as the Lucent Technologies 5ESS and  
17 Siemens EWSD which have considerably more capacity to provide  
18 selective routing than that of the 1AESS which the FCC found not to be  
19 capable of serving this function. However, as was pointed out in my  
20 direct testimony in this proceeding, the true test of customized routing  
21 technical feasibility is whether it can be accommodated in the "real  
22 world" environment where many ALECs simultaneously demand  
23 customized routing in a given switch. As BellSouth demonstrated, such  
24 a capability exists only in a very small fraction of the switches in the  
25 BellSouth network.



1

2 Q. What types and quantities of switches does BellSouth have in its  
3 network in Florida?

4

5 A. There are 148 host switches in BellSouth's network in Florida of the  
6 following types:

7 • Lucent Technologies 1AESS (32 or 22% of the total)

8 • Lucent Technologies 5ESS (61 or 41% of the total)

9 • Nortel DMS-100 (44 or 30% of the total)

10 • Siemens EWSD (11 or 7% of the total)

11

12 Thus at least 51% of the total switches in BellSouth's network in Florida  
13 (that is, the 1AESS and DMS-100 switches) are extremely limited in  
14 their capability to accommodate selective routing in that they are not  
15 capable of accommodating in many cases even one ALEC using  
16 selective routing. It should be noted, however, that even the 5ESS and  
17 EWSD switches, with their more robust capabilities are not capable of  
18 accommodating selective routing for eight or more ALECs using  
19 selective routing.

20

21 Q. Do you have an opinion as to how many ALECs would be expected to  
22 resell BellSouth local services?

23

24 A. It is difficult to forecast the extent to which companies will take  
25 advantage of a new business opportunity. However, I would consider

1 as a model the events that took place when competition came to the  
2 domestic long distance market beginning about 1982. The Equal  
3 Access Order originally set a requirement for a 3 digit carrier code  
4 under the assumption that allowing for 1,000 long distance companies  
5 would be enough to last forever. The format of the carrier code was  
6 later modified to allow for greater than 1000 long distance companies.

7  
8 Within a period of two years the number of facilities based and reseller  
9 long distance companies exceeded 500, or an average of 10 per state  
10 with higher concentrations in the larger metropolitan areas. I do not  
11 think it unreasonable to believe the larger metropolitan areas could  
12 have about 50 resellers.

13  
14 There is also the likelihood that one or more of the resellers would  
15 establish authorized sales agencies which in turn may want unique  
16 routing or branding for their subscribers.

17

18 Q. Please summarize BellSouth's opinion of the technical feasibility of  
19 customized routing.

20

21 A. BellSouth believes that customized routing is technically feasible  
22 because it can be accommodated in **some** switches is **not** the test the  
23 FCC intended to adopt. Clearly the test the FCC used in identifying the  
24 1AESS as a switch in which selective routing is not technically feasible  
25 turned on the capacity of the switch to accommodate all comers. Using

1 that test, each switch must be examined individually to assess that  
2 switch's capacity. **None** of the switches in BellSouth's network in  
3 Florida that BellSouth studied are capable of accommodating  
4 customized routing for more than just a few ALECs.

5

6 ***Operator Systems***

7

8 Q. Please define the requested Network Element.

9

10 A. Operator Systems provide for access to the operator or automated call  
11 handling and billing, special services, customer telephone listings, and  
12 optional call completion services.

13

14 Q. Is there a difference of opinion between BellSouth and AT&T as to the  
15 definition of Operator Systems?

16

17 A. Yes. As in the case of the local switching AT&T has intentionally  
18 confused the technical issues. AT&T requested that the Commission  
19 order BellSouth to provide customized routing arrangements that will  
20 enable a customer (for which AT&T acquires service from BellSouth at  
21 wholesale and resells at retail) to reach an AT&T operator platform just  
22 as a BellSouth customer can reach a BellSouth operator service  
23 platform today (i.e., through dialing 0- or 411).

24

25 Q. Is this the same technical issue ("customized" or "selective" routing) as

1 was discussed in the local switching network element discussed  
2 earlier?

3

4 A. It is exactly the same issue.

5

6 Q. What is your understanding of the FCC's conclusions regarding the  
7 technical feasibility of unbundling this Network Element?

8

9 A. Here again, the FCC concluded that Operator Systems, including the  
10 selective routing functionality, (or "customized routing" as referred to in  
11 the Order) is technically feasible, presumably on the same basis as  
12 described for customized routing as discussed above.

13

14 Q. Does BellSouth agree with AT&T's conclusions regarding the technical  
15 feasibility of Customized Routing for Operator Systems?

16

17 A. No. This is exactly the same issue I just discussed and the result is the  
18 same.

19

20 Q. Please summarize BellSouth's opinion of the technical feasibility of  
21 customized routing for Operator Systems.

22

23 A. As in the case of Local Switching, BellSouth believes AT&T is wrong in  
24 arguing that customized routing is technically feasible because it can  
25 be accommodated in **some** switches. By comparison, BellSouth

1 believes that customized routing is not technically feasible in most  
2 switches for providing customized routing to several ALECs  
3 simultaneously. In BellSouth's study of customized routing capability,  
4 none of the switches in BellSouth's network in Florida are able to  
5 accommodate customized routing.

6

7 ***Dedicated Transport***

8

9 Q. Please define the Network Element.

10

11 A. Dedicated Transport is an interoffice transmission path between two  
12 designated points. Dedicated Transport is used exclusively by a single  
13 company (in this case, AT&T) for the transmission of its traffic.

14

15 Q. Is there a difference between what BellSouth will provide as Dedicated  
16 Transport and AT&T's request for Dedicated Transport?

17

18 A. Yes. AT&T defines Dedicated Transport as an interoffice transmission  
19 path between AT&T designated points used in conjunction with a  
20 selective routing capability that would allow the switch to direct calls to  
21 a given trunk group based on who (BellSouth or AT&T) provides  
22 service to the end user.

23

24 Q. Is this the same technical issue, (selective routing) as was discussed in  
25 the local switching network element discussed earlier?

1

2 A. Here again, it is exactly the same issue. Apparently AT&T believes that  
3 if it makes the same argument in a number of different ways, that  
4 perhaps one of them will work.

5

6 ***Common Transport***

7

8 Q. Please define the Network Element.

9

10 A. Common Transport is an interoffice transmission path between two  
11 designated points. Common Transport is used to carry the traffic of  
12 more than a single company for the transmission of their aggregate  
13 traffic.

14

15 Q. Is there a difference between what BellSouth will provide as Common  
16 Transport and AT&T's request for Common Transport?

17

18 A. Yes. Once again, AT&T defines Common Transport as an interoffice  
19 transmission path between AT&T designated points used in  
20 conjunction with a selective routing capability that would allow the  
21 switch to direct calls to a given trunk group based on who (BellSouth or  
22 AT&T) provides service to the end user.

23

24 Q. Is this the same technical issue (selective routing) as was described in  
25 the local switching network element discussed earlier?

1

2 A. Here again, it is exactly the same issue.

3

4 ***Advanced Intelligent Network (AIN)***

5

6 Q. Please define the requested Network Element.

7

8 A. AT&T has requested unbundling of the following AIN network elements:

9

10 1. Signal Transfer Points (STPs) which provide a signaling network  
11 function that, along with their associated signaling links, enable  
12 the exchange of Signaling System 7 (SS7) messages among  
13 and between switching elements, database elements and  
14 signaling transfer point switches.

15

16 2. Service Control Points (SCPs) and other call related databases  
17 which provide the functionality for storage of, access to, and  
18 manipulation of information required to offer a particular service  
19 and/or capability.

20

21 Q. What is your understanding of the FCC's conclusions regarding the  
22 technical feasibility of unbundling this Network Element?

23

24 A. The FCC arrived at three major conclusions regarding the technical  
25 feasibility of providing unbundled access to AIN functionality. The first

1 is that the exchange of signaling information may occur through an  
2 STP-to-STP interconnection.

3

4 Q. Does BellSouth agree with the FCC's conclusion?

5

6 A. Yes. The FCC specifically cited the STP as the appropriate  
7 interconnection point rather than at the SCP.

8

9 Q. What is the second conclusion reached by the FCC regarding the  
10 unbundling of AIN?

11

12 A. The FCC concluded that incumbent LECs must provide access to their  
13 signaling links and STPs on an unbundled basis.

14

15 Q. Does BellSouth agree with the FCC's conclusion?

16

17 A. Yes.

18

19 Q. What is the third conclusion reached by the FCC regarding the  
20 unbundling of AIN?

21

22 A. If parties are unable to agree to appropriate mediation mechanisms  
23 through negotiations, during arbitration of such issues the states must  
24 consider whether such mediation mechanisms will be available and will  
25 adequately protect against intentional or unintentional misuse of the



1 incumbent LEC's AIN facilities.

2

3 Q. Does BellSouth agree with the FCC's conclusion?

4

5 A. Yes. As was noted in my direct testimony in this proceeding, BellSouth  
6 believes that, even with the development of new AIN functionality, a  
7 mechanism for mediation is required to prevent intentional or  
8 unintentional disruption of BellSouth's AIN network by an ALEC.

9

10 ***Rights of Way (ROW), Conduits and Pole Attachments***

11

12 Q. Please define AT&T's request.

13

14 A. AT&T has requested access to ROW, conduits, pole attachments and  
15 any other pathways.

16

17 Q. Will BellSouth provide the requested unbundled Network Element?

18

19 A. Yes.

20

21 Q. Are there procedural issues on which BellSouth and AT&T have not  
22 agreed?

23

24 A. Yes. In my direct testimony in this proceeding I discussed two such  
25 procedural issues. The first refers to the amount of space in conduits

1 or on poles that BellSouth should be allowed to reserve for its own  
2 uses. The second issue refers to the proprietary nature of certain  
3 records of conduits and poles.

4

5 Q. What is your understanding of the FCC's conclusions regarding the  
6 issue of the amount of space in conduits or on poles that BellSouth  
7 should be allowed to reserve for its own uses?

8

9 A. The FCC apparently concludes that a new definition of non-  
10 discrimination is appropriate in this matter.

11

12 Q. What is your opinion of how the FCC has altered its definition of non-  
13 discrimination?

14

15 A. The FCC appears to have broadened its view of non-discrimination to  
16 provide that in certain regards BellSouth may not treat itself differently  
17 than it treats its competitors. In the issue at hand, the FCC apparently  
18 concludes that BellSouth may not reserve space in conduits or on  
19 poles for its own uses differently than it would allow ALECs to reserve  
20 space in BellSouth conduits and poles.

21

22 Q. What is BellSouth's response to the FCC's non-discrimination  
23 requirement?

24

25 A. This type of analysis only leads to one of two conclusions, neither of

1           which should be acceptable to anyone thinking clearly. In the first  
2           scenario, no reservations are made by either BellSouth or the ALECs.  
3           Conduit and pole space is allocated on a first come, first served basis.  
4           In such a circumstance, no one could plan for the orderly growth of the  
5           network in such an environment. In the second scenario, reservations  
6           are accepted from any of the parties and for whatever time frame is  
7           desired. If the reserving party were not required to pay for both the  
8           space used plus the space reserved, this would result in the inefficient  
9           use of the network. No doubt, however, BellSouth's competitors would  
10          object to paying for this reserved capacity but to do otherwise would  
11          simply create chaos.

12  
13 Q.       Does BellSouth have a proposal to make regarding reservations of  
14          space in conduits and on poles?

15  
16 A.       Not at this time. The choices, if the FCC's Order stands, are so  
17          inefficient that it is difficult to accept either one.

18  
19 Q.       Will BellSouth provide the conduit and pole engineering records  
20          requested by AT&T?

21  
22 A.       No. The 1996 Telecommunications Act does not require BellSouth to  
23          provide copies of BellSouth's engineering records, referred to as  
24          "plats". Further, the FCC's Order accords BellSouth reasonable  
25          protection of its proprietary information that would be contained in the

1 records sought by AT&T. FCC Order 96-325 at Paragraph 1223.

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3 Q. Does this conclude your testimony?

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5 A. Yes.

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