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September 29, 1995



Ms. Blanca Bayo, Director Division of Records and Reporting Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, Florida 32399-0850 via Hand Delivery

Re: Resolution of Petition(s) to establish 1995 rates, terms, and conditions for interconnection involving local exchange companies and alternative local exchange companies pursuant to Section 364.162, Florida Statutes; Docket No. 950985-TP

Dear Ms. Bayo:

Enclosed for filing please find an original and fifteen copies of the Rebuttal Testimony of Joan McGrath on behalf of Time Warner AxS of Florida, L.P. and Digital Media Partners for the above-referenced docket. You will also find a copy of this letter and a diskette in Word Perfect 5.1 format enclosed. Please date-stamp the copy of this letter to indicate that the original was filed and return to me.

If you have any questions regarding this matter, please feel AFA ______

Respectfully,

PENNINGTON & HABEN, P.A.

chow to

Peter M. Dunbar

5 Ou PMD/tmz Enclosures

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DOCUMENT NUMBER-DATE

FPSC-RECORDS/REPORTING

CERTIFICATE OF SERVICE DOCKET NO. 950985-TP

I HEREBY CERTIFY that a true and correct copy of Time Warner AxS of Florida, L.P.'s and Digital Media Partners' Rebuttal Testimony of Joan McGrath has been served by either *Federal Express or Hand Delivery on this 29th day of September, 1995, to the following parties of record:

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PETER M. DUNBAR, ESQ.

1		BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION
2		DOCKET NO. 950985-TP
3		REBUTTAL TESTIMONY OF
4		JOAN McGRATH
5		ON BEHALF OF TIME WARNER AXS OF FLORIDA, L.P.
6		AND DIGITAL MEDIA PARTNERS
7		
8	Q.	PLEASE STATE YOUR NAME, POSITION, AND BUSINESS
9		ADDRESS.
10	A.	My name is Joan McGrath, and my business address is
11		160 Inverness Drive West, Englewood, Colorado,
12		80112. I am the Manager for Interconnect
13		Management at Time Warner Communications.
14		
15	Q.	HAVE YOU TESTIFIED PREVIOUSLY IN THIS PROCEEDING?
16	A.	Yes. I submitted Direct Testimony on behalf of
1.7		Time Warner AxS of Florida, L.P. and Digital Media
18		Partners, herein referred to as Time Warner.
19		
20	Q:	WHAT IS THE PURPOSE OF YOUR TESTIMONY?
21	A:	The purpose of my testimony is to offer rebuttal to
22		the testimony filed on behalf of Bell South
23		Telecommunications, Inc., (Bell South). I also
24		have comments about the testimony filed on behalf
25		of MCT Motro Access Erangmission Services Inc

1 (MCI Metro) and Metropolitan Fiber Systems of 2 Florida, Inc. (MFS). In addition, I address new 3 issues identified in this docket.

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BELL SOUTH'S WITNESS ALPHONSO J. VARNER STATES THAT 5 Q: 6 HE BELIEVES RESOLUTION OF TCG'S PETITION WITH THE 7 FLORIDA PUBLIC SERVICE COMMISSION REQUIRES RESOLUTION OF ALL ISSUES -- LOCAL INTERCONNECTION, 8 9 UNBUNDLING, UNIVERSAL SERVICE AND RESALE -- AT ONE 10 TIME (P.7). IS THIS ALSO YOUR POSITION? It would be my recommendation that these 11 A: No. issues be separately addressed and resolved by the 12 13 Florida Public Service Commission ("Commission") 14 rather than all be decided in this docket. It is not good public policy, and it does not encourage 15 16 the development of competition for issues such as 17 universal service to be linked to the appropriate 18 rate for the termination of local exchange traffic. 19 It also appears to me that the Florida Public 20 Service Commission understands linking these issues 21 for new entrants does not permit competitive entry

because it has set up separate proceedings for

temporary number portability (Docket No. 950937-

TP), universal service (Docket No. 950696-TP),

resolution of interconnection disputes (Docket No.

1 950985-TP), and unbundling disputes (Docket No. 2 950984-TP).

DO YOU HAVE A POSITION CONCERNING BELL SOUTH'S

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Q: 5 PROPOSAL FOR LOCAL INTERCONNECTION (VARNER, P.7)? 6 Α: Bell South's proposal to use a switched access 7 charge methodology as an appropriate mechanism to charge for the termination of local traffic ignores 8 the unnecessary costs incurred by the new entrant 9 of measuring and billing such usage on a minute of 10 This approach imposes an undue use (MOU) basis. 11 and unnecessary cost upon the new entrants where 12 13 Time Warner and other parties believe traffic will be in balance between the LECs and the ALECs. 14 fact, Tim Devine's testimony on behalf of MFS 15 16 indicates NYNEX is terminating more traffic to MFS than the reverse in New York (p. 13). 17

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By applying a minutes of use access charge approach to providers of local exchange service, Bell South recommends a mechanism that effectively precludes new entrants from the market. In essence, the new entrant is being asked to subsidize the very service for which it would compete as a substantial part of its costs of doing business. This is bad

1 public policy, anti-competitive and results in harm 2 to consumers who benefit from competition. 3 competing in the local exchange market, 4 incumbent monopoly provider is the recipient of the 5 subsidy that its would-be competitors must pay, and 6 such a subsidy (if it exists) acts as a barrier to 7 entry.

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9 Q: BUT IF TRAFFIC IS IN BALANCE, WHAT DIFFERENCE DOES COMPENSATION RATE MAKE IN 10 AN EQUAL 11 RECIPROCAL COMPENSATION SCENARIO?

12 Eventually, we expect that traffic will be in **A**: 13 balance in both directions. However, because of 14 the problems inherent in the temporary number 15 portability mechanism, which are discussed in Time 16 Warner witness Dan Engleman's direct testimony in 17 Docket No 950737-TP, Time Warner believes that this 18 inferior approach could unfairly skew traffic 19 volumes. Additionally, the costs of measurement as 20 referred to in my direct testimony (p. 10 and 11) 21 also acts as an unfair barrier to entry.

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23 Q: DO YOU HAVE A POSITION REGARDING MR. 24 PROPOSAL THAT A TOLL DEFAULT MECHANISM IS 25 NECESSARY (P.7)? DO YOU HAVE ANY COMMENTS

1 ADDRESSING WITNESS BANERJEE'S RELATED CONCERNS 2 ABOUT ARBITRAGE? DOES NOT THE ACCESS CHARGE PROPOSAL FOR LOCAL INTERCONNECTION MAKE SENSE SINCE 3 4 THERE IS THE REQUIREMENT IN SECTION 364.16(3)(a), 5 FLORIDA STATUTES, THAT NO TOLL TRAFFIC CAN BE 6 TERMINATED THROUGH LOCAL INTERCONNECTION 7 ARRANGEMENTS?

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A:

No, I do not believe that a toll default mechanism as proposed by Bell South's witness Varner is necessary. I believe that toll traffic should be charged prices that include access charges and that local traffic should not be charged in the same However, Mr. Varner's solution (which is to use elements of switched access charges for local interconnection) does not consider its impact on the development of competition. Once again, Mr. Varner imposes unnecessary expenses on new entrants by his recommendation to charge for the termination of local exchange traffic on a MOU switched access To avoid unnecessary measurement costs be incurred by the entrants, it would be simpler and more reasonable to have the two parties compute a percent local usage (PLU) factor to take into account the difference in local calling areas,

which could be revised on a periodic basis as local calling areas become different over time.

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Mr. Varner's concerns over not being able to distinguish between types of traffic 18) provide even more support for this Commission to order a bill and keep arrangement. Under bill and keep, rather than developing extraordinary measuring, billing and collection mechanisms, companies treat each other as co-carriers. exchanging local traffic as I understand is done in most cases between LECs today. To determine which traffic should be charged switched access charges, the two companies could compute a PLU factor which would be subject to periodic review. in the event of dispute, Section 364.16(3)(b), F.S. provides an opportunity for parties who are concerned about the proper assessment of access charges on toll traffic to file a petition with the Commission.

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Q: BELL SOUTH'S WITNESSES DR. BANERJEE (P.13) AND MR.

SCHEYE (P.8) SPECULATED ABOUT ALECS BEING ABLE TO

LURE "BETTER QUALITY" CUSTOMERS—CUSTOMERS WITH A

HIGH RATIO OF TERMINATING—TO—ORIGINATING TRAFFIC

1 AWAY FROM BELL SOUTH (P.13). WHAT DO YOU THINK IS 2 THE LIKELIHOOD OF THIS OCCURRING? I believe that this is not likely to occur because 3 **A**: 4 the problems associated with Remote Call Forwarding 5 as a temporary number portability solution would 6 preclude that scenario. Businesses with a high 7 volume of incoming traffic will place an especially 8 high value on their phone numbers (as indicated in 9 surveys done by both Time Warner and MCI Metro), 10 and will be less likely to tolerate the technical 11 deficiencies of Remote Call Forwarding, such as 12 delayed calls. Besides, Bell South has the same 13 opportunity to keep these companies as an ALEC does 14 to lure them away. 15 16 Q: DR. BANERJEE DISCUSSED THE NOTION OF 17 STUFFING" -- THE IDEA THAT AN ALEC WOULD PUSH AS MUCH TRAFFIC DOWN A CAPACITY-ONLY PRICED TRUNK, THUS 18 19 DEGRADING THE QUALITY OF SERVICE ON THE INCUMBENT 20 LEC'S NETWORK (P.19). WHAT DO YOU THINK WOULD BE 21 THE RESULT IF THIS ACTUALLY OCCURRED? 22 A: ALECs are only going to attract new customers, 23 especially without true number portability, by 24 offering better quality services, at better prices

and eventually more creatively than the incumbent

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First of all, it would be foolish for an ALEC LEC. to degrade any part of its own service (including calls which terminate to the LEC network) because of the consequences this would have to its own customers. Further, there is no doubt that if any part of a LEC's network is negatively affected by its interconnection with an ALEC, whether it is the fault of the ALEC or not, that the LEC would waste no time in getting this information out to the public--further chilling consumers' willingness to try a new local service provider.

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13 MR. SCHEYE STATES THAT REQUESTS FOR ACCESS AND USE Q: 14 OF POLES, DUCTS, AND CONDUITS ON PUBLIC RIGHT OF 15 WAY SHOULD BE ACCOMMODATED SUBJECT TO AVAILABILITY ON A CASE-BY-CASE BASIS WHERE PERMITTED (P.17). 16 17

WHO SHOULD DECIDE WHAT IS AVAILABLE?

The Commission should decide this issue. LECs themselves will have an incentive to make it difficult for competitors to use these facilities, and cities and counties will not want to have multiple sets of poles, putting those entities in a difficult position, since Section 33 of Senate Bill 1554 (the revised chapter 364, F.S.) requires local governments to treat each telecommunications

company in a nondiscriminatory manner when granting 1 franchises and establishing right-of-way access. 2 However, nondiscriminatory access under reasonable 3 terms and conditions is important for the new 4 entrant in order to begin to compete with the LECs. 5 6 VARNER HAS SUGGESTED AN APPROACH FOR THE 7 Q: IN ADDRESSING UNBUNDLING 8 COMMISSION TO TAKE REQUESTS. DO YOU HAVE A RESPONSE TO THIS PROPOSAL? 9 First of all, the Commission has limited the issues 10 in this case to only those requested to be resolved 11 by TCG, and witness Varner's testimony goes far 12 beyond those issues. Second, it is widely 13 recognized in the information services industry 14 that the existing open network architecture (ONA) 15 process developed by the Federal Communications 16 Commission (FCC) for new local exchange unbundling 17 requests is unwieldy, burdensome, and has slowed 18 the development of new enhanced services. 19 entrants need essential functionalities, they 20 should be provided by the monopoly LECs pursuant to 21 Section 364.161, F.S. 22

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DO YOU ALSO AGREE WITH PROPOSALS MADE BY MR. DEVINE 24 Q: (P.16) FOR MFS AND DR. CORNELL FOR MCI METRO (p. 25

1 21) CONCERNING THE ELIMINATION OF PRICE SQUEEZES THROUGH IMPUTATION? 2 3 Yes. The Florida Commission today requires the LECs 4 to impute access charges underlying their toll 5 products (see Order No. 24859 in Docket No. 900708-6 In the case of local entrants, if the 7 Commission does not order bill and keep, the 8 Commission should also require the rates charged 9 the new entrants by the LECs be imputed in the LECs' local exchange price floor, as well as the 10 11 costs of the non-essential inputs. Otherwise, the 12 price squeeze for new entrants between the prices 13 of necessary LEC input elements and retail LEC end 14 user prices will not be avoided. Without an imputation requirement, as Dr. Cornell and Mr. 15 16 Devine state, price squeezes will occur for the new 17 entrants, precluding any competition.

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- DO YOU AGREE WITH MCI WITNESS, DR. CORNELL (P32) 19 Q.
- THAT ENTRANTS SHOULD BE ABLE TO CHOOSE WHERE TO 20
- INTERCONNECT? 21
- 22 Dr. Cornell suggests the major requirement for Α.
- physical interconnection is that it should be done 23
- 24 in the most efficient manner possible. This means
- that interconnection should be allowed at any 25

1 feasible point of interconnection, rather than 2 being arbitrarily limited to only certain points by 3 the Local Exchange Carrier (LEC). The entrant 4 should get to select the point of interconnection, as its choice will be dictated solely by the desire 5 6 minimize costs design and its network 7 efficiently. An entrant should be able to 8 determine whether it requires a meet point or 9 collocation.

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- 11 Q. IF AN ENTRANT DETERMINES IT WISHES TO COLLOCATE, DO
- 12 YOU HAVE ANY CONCERNS WITH THE PROPOSED RATE
- 13 ELEMENTS ASSOCIATED WITH COLLOCATION?
- 14 A LEC that is able to dictate the rates to be A. 15 charged will have the ability to create 16 effective barrier to entry for the entrants. greater the costs the potential entrant faces that 17 the incumbent LEC does not, the higher the barrier 18 19 to entry and therefore the greater the expected 20 return on investment would have to be to make entry a reasonable business risk. A potential entrant 21 knows that some or all its investments in that 22 market cannot be easily recovered, should the 23 24 entrant be unsuccessful. The greater the level of

investments that would be unrecoverable if entry

were unsuccessful (potential loss for the investor), the higher the barrier to entry. Investors expect a greater return on high risk investments, and with a higher potential loss, the expected returns on those investments would have to be high enough to make the entry a reasonable risk. For example, those levels of investment for the new entrant might include the capital required to build to the LEC central office, the rate elements applied to the entrant for collocation (floor space, power, cabling, conduit), equipment costs, In competing in the market, Bell South can use interconnection rates as one of a number of ways to disadvantage the entrant, by making the entrant's cost for collocation unnecessarily high.

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WHAT ARE THE APPROPRIATE TECHNICAL AND FINANCIAL 0: ARRANGEMENTS WHICH SHOULD GOVERN INTERCONNECTION BETWEEN TCG AND BELLSOUTH FOR THE DELIVERY OF CALLS AND/OR FROM LOCAL AND ORIGINATED TERMINATED INTEREXCHANGE CARRIERS NOT DIRECTLY CONNECTED TO TCG'S NETWORK?

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For intraLATA calls (both local and toll), **A**: should be able to transmit traffic through the BellSouth tandems to other local service provider

offices that also end subtend the BellSouth 1 tandems. On local calls, bill and keep will still 2 3 apply. During the early years of competition, the 4 number of intermediary local calls through the BellSouth switch would be so few, that they would 5 6 have no measurable impact. 7 On intraLATA toll calls, the intraLATA Modified 8 9 Access Based Compensation Plan (MABC) used between LECs in Florida today would apply. The originating 10 11 company bills its end user for the toll call, and pays the terminating company switched 12 13 charges. Where one LEC serves as an intermediary, the intermediary LEC is paid tandem switching and 14 15 transport as well. 16 On interLATA toll calls, IXC traffic exchanged 17 between the BellSouth tandem and the ALEC should be 18 handled using industry Meet Point 19 Billing 20 procedures. 21 22 Q:

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WHAT ARE THE APPROPRIATE TECHNICAL AND FINANCIAL REQUIREMENTS FOR THE EXCHANGE OF INTRALATA 800 TRAFFIC WHICH ORIGINATES FROM A TCG CUSTOMER AND TERMINATES TO AN 800 NUMBER SERVED BY BELLSOUTH?

A: The company originating the 800 call should send the originating call record to the 800 number owner in order for them to bill the end user. 800 calls originating from the ALEC should be routed to its signal control point (SCP) where a query is launched to the service switching point (SSP). A bill record should be generated by the SSP provider which will be sent to the 800 number owner, so it can bill the 800 end user customer. The ALEC should bill BellSouth originating switched access charges and an 800 query charge. Depending on the contractual arrangement, there may also be a charge for record provisioning.

Q: WHAT ARE THE APPROPRIATE TECHNICAL ARRANGEMENTS FOR
THE INTERCONNECTION/OF TCG'S NETWORK TO BELLSOUTH'S
911 PROVISIONING NETWORK SUCH THAT TCG'S CUSTOMERS
ARE ENSURED THE SAME LEVEL OF 911 SERVICE AS THEY
WOULD RECEIVE AS A CUSTOMER OF BELLSOUTH?

A: An ALEC's customers must have the same level of access to reliable 911 service as the LEC provides.

Achieving the high level of 911 service should be a synergistic effort between the local 911 coordinator, the incumbent 911 tandem provider(s), and the ALECs. The incumbent tandem provider

should designate a single point of contact for coordination of installing, testing, and ongoing 911 and E911 operations. All parties should work together toward deploying redundant, reliable, standard facilities. ALECs should be able to utilize the same type facilities as are in place from other end offices in an effort to maintain standardization. Alternate routing and overflow situations should also be a synergistic effort between the ALEC and the incumbent tandem provider delivering the high level of 911 access desired.

A:

Q: WHAT PROCEDURES SHOULD BE IN PLACE FOR THE TIMELY
EXCHANGE AND UPDATING OF TCG CUSTOMER INFORMATION
FOR INCLUSION IN APPROPRIATE E911 DATABASES?

BellSouth should have the same standards for the ALEC as it does for itself. The ALEC should use the existing method in place today for transfer and update of correctly formatted E911 datafiles according to an agreed-upon protocol and predetermined schedule.

Q: WHAT ARE THE APPROPRIATE TECHNICAL REQUIREMENTS FOR

OPERATOR TRAFFIC FLOWING BETWEEN TCG'S OPERATOR

SERVICES PROVIDER AND BELLSOUTH'S OPERATOR SERVICES

1 PROVIDER INCLUDING BUSY LINE VERIFICATION AND

2 EMERGENCY INTERRUPT SERVICES?

3 **A**: There are three scenarios for an ALEC to provide 4 Operator Services. The ALEC could self-provide, hire a third party vendor, or hire BellSouth. 5 either the first or second scenarios, the only 6 7 connection to BellSouth for the ALEC would be an 8 inward trunk from the ALEC local switch to the 9 BellSouth Operator Services switch so an ALEC operator can contact a BellSouth operator when a 10 local requires 11 ALEC customer busy line verify/interrupt of a BellSouth line. 12 Conversely, 13 if а BellSouth subscriber has а need 14 verify/interrupt of an ALEC line, an inward trunk arrangement needs to be made available to the ALEC 15 operator provider. The ALEC's operator service 16 provider should be able to verify/interrupt the 17 ALEC lines without connecting to BellSouth. If the 18 19 ALEC selects BellSouth as the provider, operator services trunking would be required between the 20 ALEC local switch and the BellSouth operator switch 21 to perform all operator services functions. 22

1 Q: UNDER WHAT TERMS AND CONDITIONS SHOULD BELLSOUTH BE REQUIRE TO LIST TCG'S CUSTOMERS IN ITS DIRECTORY 2 3 ASSISTANCE DATABASE? 4 **A**: Both parties, the ALEC and BellSouth, benefit from 5 a combined listing in the BellSouth database. 6 BellSouth maintains a comprehensive, 7 database for its subscribers, as well as all consumers, and the ALEC is able to make 8 9 listings universally available as well. Although 10 BellSouth incurs costs for entering and maintaining 11 the ALEC data for Directory Assistance purposes, BellSouth receives revenues for use of that 12 13 database. In addition, there is value for all 14 consumers in having a universal database. BellSouth 15 should be required to carry the ALEC listings in 16 its DA database at no charge to the ALEC for these 17 reasons. 18 UNDER WHAT TERMS AND CONDITIONS SHOULD BELLSOUTH BE 19 Q: REQUIRED TO LIST TCG'S CUSTOMERS IN ITS UNIVERSAL 20 WHITE AND YELLOW PAGES DIRECTORIES AND TO PUBLISH 21 DISTRIBUTE TCG'S 22 AND THESE DIRECTORIES TO 23 CUSTOMERS?

24 A: The consumer advantages of a unified white pages 25 directory cannot be overstated. Because of the

small size of new entrants and the benefits for consumers of one directory, and the absence of efficiencies in separate directories, BellSouth should be required to provide certain listing services to all end users regardless of their local telephone service provider. BellSouth should provide a single line white page listing for the ALEC's customers at no charge to either the ALEC or the end user. For business customers, BellSouth should also provide a single line yellow page listing at no charge as well. BellSouth should be required to ensure accuracy and timeliness in these listings. BellSouth should deliver directories to all customers at no charge to the ALEC. BellSouth should provide a user quide/informational insert to be published in both the white pages information section and the yellow pages sections, at no charge to the ALEC. BellSouth will benefit by having more names to sell to its yellow pages affiliate, and BellSouth will have the opportunity to sell yellow page ads to the ALEC's customers.

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Q: WHAT ARRANGEMENTS ARE NECESSARY TO ENSURE THAT TCG

CAN BILL AND CLEAR CREDIT CARD, COLLECT, THIRD

PARTY CALLS AND AUDIOTEXT CALLS?

1 If the LEC has a billing and collection arrangement **A**: 2 with an IXC to bill end user toll traffic on the 3 local telephone bill and the new entrant also has 4 billing and collection contracts with that IXC, then the LEC who will receive the call detail from 5 6 the IXC when a ported number is involved should be 7 required to "clear" that traffic to the ALEC, which 8 will bill the end user. The cost for this should 9 be shared among BellSouth, the ALEC, and the IXC, 10 as part of number portability.

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Q: WHAT ARRANGEMENTS ARE NECESSARY TO ENSURE THE PROVISION OF CLASS/LASS SERVICES BETWEEN TCG'S AND

14 SOUTHERN BELL'S NETWORKS?

15 The ALEC's point codes (end office addresses) need **A:** 16 to be translated in all BellSouth end offices that support CLASS features. Likewise, the point code 17 of BellSouth end offices need to be translated in 18 19 the ALEC's switch. In addition, both STP pairs 20 (the ALEC's and BellSouth's) must be translated to 21 allow an exchange of messages between end offices. 22 Finally, BellSouth should offer unbundled elements 23 of its SCP for use by ALECs.

1 Q: PLEASE SUMMARIZE YOUR REBUTTAL TESTIMONY.

I have taken issue with BellSouth's proposal that 2 A: issues relating to local competition 3 all (interconnection, universal service, and resale) must be resolved at one time. Further, I have 5 discussed the problems inherent in a switched 6 7 access charge based local interconnection arrangement, and discussed why some of BellSouth's 8 Finally, I have concerns are unwarranted. 9 presented Time Warner's positions on the various 10 technical and financial issues in this docket, 11 which typically revolve around being treated as a 12 co-carrier--similarly to the way other LECs are 13 treated today. 14

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16 Q: DOES THIS CONCLUDE YOUR TESTIMONY?

17 A: Yes, it does.